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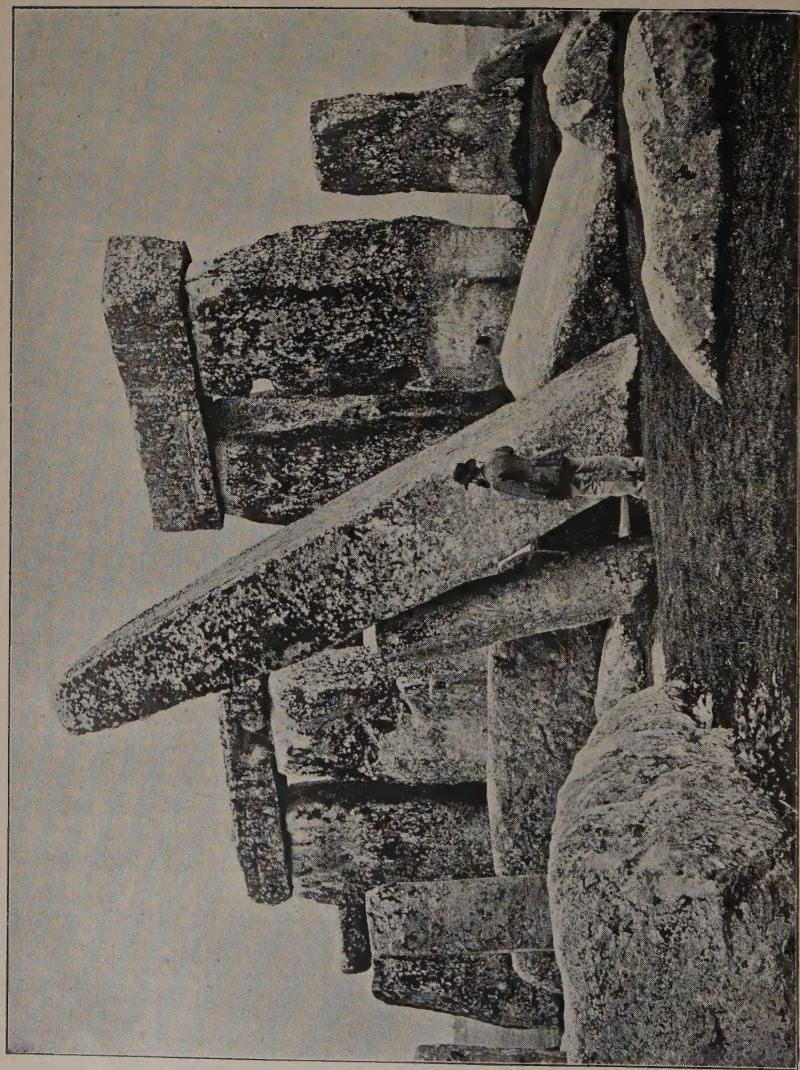
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ROMAN AND MEDIEVAL ART

BY

W. H. GOODYEAR, M.A.

Author of "Ancient and Modern History," "A History of Art," "The Grammar of the Lotus," etc., etc.



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INTRODUCTION.

IT IS a pity that the word "art" carries with it, to a person not interested in the subject or not versed in its history, a suggestion of luxury and of superfluity, as contrasted with the utilitarian or the practical. Where this possibly derogatory tinge of meaning is not suggested, there is generally at least a feeling that the matters which the word calls up are those of interest to the specialist in design rather than to the world at large. People who are supposed to be interested in "art" might, according to this view, possibly not be interested in literature or in history. Contrary-wise, people interested in history or in literature might possibly not be interested in "art."

It is true that in recent centuries, those namely of recent modern history, the arts of painting and sculpture at least, have become mainly matters of luxury, and that as arts of popular education and instruction they have been displaced by printed books. Hence the difficulty of making immediately apparent, before the subject itself has been opened up, that a *history* of art is not so much a history of the arts of design as it is a history of civilization. But if this point is not apparent in advance, it is notwithstanding the point which in recent years has drawn more and more attention to the subject, until it is beginning to figure as an indispensable part of the philosophy and knowledge of general history.

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As soon as history ceases to be conceived as a series of disconnected national chronicles, as soon as it begins to be conceived as a sequent evolution of races and of epochs—which has been unbroken in continuity since the time of the Chaldeans and Egyptians down to the nineteenth century—the history of art appears as a study of the first importance. This is because it deals with the now visible relics of the past; not only with buildings, statues, reliefs, and paintings, but with fabrics, utensils, coins, furniture, and all the accessories of daily life; for in historic periods all these things were given an appropriate artistic treatment and setting forth. As revelations of the life of a nation or an epoch these relics appeal to the imagination because they appeal to the eye and assist each student to picture the past to himself. The student is no longer, then, dependent on the descriptions and accounts of another student; he becomes himself an independent historian, for whoever evokes in imagination the life of the past deserves this title. The history of art has, moreover, especial value for a true philosophy of history in that it forces the student to subordinate the history of nations to the history of epochs. The grand divisions between the successive epochs of the ascendancy of the ancient Oriental nations—of the Greeks, of the Romans, of the Germanic races (the Middle Ages), and of the Italians (the Renaissance)—are only seen distinctly when the history of art is called in evidence. As regards the epochs treated by this work, those of the Romans and of the Middle Age, the student must judge from the book itself how far a general knowledge of historic life and civilization is involved in the topics treated.

PART I.

ROMAN ART.

ROMAN AND MEDIEVAL ART.

PART I.—ROMAN ART.

CHAPTER I.

THE PREHISTORIC AGE.

THE earliest relics of man's existence in Europe are roughly chipped implements and weapons of flint and stone, of horn and bone, the latter frequently resembling those used by the modern Esquimaux and the former similar to those still used by absolutely savage races. Of a later date are other stone implements carefully finished and polished. There is a gap, or "hiatus," between the age of rough stone implements, the Palæolithic time, and the "age of polished stone" the Neolithic time.* The highly vigorous drawings of animals on bone or ivory which belong to the Palæolithic age are not found in the later age of polished stone.

It is not within our knowledge to say that Europe was uninhabited in the intervening time but it does not appear that the race of the age of exclusively rough stone implements, whose artistic efforts were so singularly instinct with vitality, has anything to do with the later history of art in Europe. This race was apparently exterminated, supplanted, or succeeded, by the race which

* It is to be explained that the manufacturing of unpolished stone implements was not abandoned in the age of polished stone, but this age is specified by its best and distinctive work and there was in it an improvement generally in the finish of all these implements.

used the implements of polished stone, and it was this latter race which gradually acquired the arts of metal and especially of bronze, and so began the later continuous history of Europe.

There is no known decorated pottery of this age which precedes the use of metals and there are no other remains of design preceding this use; pottery, on account of its indestructibility,* being usually the material on which the earliest efforts of art are preserved.

The first appearance of metallic arts in Europe and of decorated pottery, appears to be due to the influence of a foreign and Oriental civilization. There is also a sequence apparent in the order of development, as regards the influence of this foreign civilization, in which sequence the territories of Greece preceded those of Italy; while Italy in turn preceded Switzerland, Germany, France, and Spain. The indications in artistic forms and designs of a graded geographical contiguity in development are the strongest evidence that it took place.

Now, the point I wish to make is this—that as regards the history of civilization and of art in Europe, we begin our knowledge with the existence of opposing poles of highly developed civilizations and of very primitive, though not absolutely barbaric, human culture. Regarding the origin or beginnings of either of these conditions we know nothing. At the earliest dates known to us for Chaldea and Egypt, material civilization appears to have been absolutely perfect for the given local surroundings. At the earliest dates known to us for Europe subsequent to the age of unpolished stone, the culture is highly primitive but it already shows influences of indirect or direct contact with the old

* Not as regards breakage, but as regards material.

Asiatic and African cultures. These influences were earlier in Greece, apparently slightly later in Italy, and certainly later in Germany, France, Spain, and England.

The modifications made by Greece in creating its own independent civilization out of the Oriental were ultimately also lawgiving for Italy, which ultimately adopted them all.

The modifications made by Italy in creating its own independent civilization out of the Oriental, and out of the Greek, were ultimately lawgiving for South Germany, France, Spain, and part of England; which countries ultimately adopted them all. The history of these last modifications is the history of Rome.

Four and five hundred years after Christ the hitherto independent Germanic races of Northern Europe flooded the Romanized portions of Europe, came under the influence of their religion and civilization and so began the history of the Middle Ages and of medieval art.

These explanations assist us now to speak of Italy in the narrower sense, as sharing the history of all other European countries as regards the Palæolithic Stone Age and the Age of Polished Stone and of Bronze. But the history of art in Italy begins with the age of decorated pottery and of metals—that is to say, it begins with the history of the foreign influences of a superior foreign civilization on the primitive culture of Italy, of which let it be once more said we know nothing before this influence began.

The date 1500 B. C. would be, according to present knowledge, rather a high one for the first introduction of bronze into the territories of Switzerland, and approximate estimates may be made accordingly for other countries; north or south, as the case may be.

CHAPTER II.

ROMAN HISTORY AND ROMAN ART.

SOME clear conception of the outlines of Roman and therefore of ancient Italian history, is an elementary condition of the study or knowledge of Roman art. But by the word history we must understand here not the list of the Roman kings or the chronicles of Roman wars or battles or the lives of the famous statesmen and emperors, but rather an account of the general conditions of the civilization. To this account the Roman art itself offers the greatest assistance and it is for this reason that we study it ; but there are entire centuries from which monuments* are lacking for the Romans themselves, and for which the general conditions of Italian history and civilization must be our guide in resurrecting in imagination that art of the Romans which once summarized and expressed their character.

Broadly speaking, it is not till seven centuries of Roman history have been passed over in imagination that we can mention existing visible remains of its greatness ; and Roman art as we know it is mainly the art of *the empire*, which belongs to the five centuries between the accession of Augustus (B. C. 31) and the

* The word is used in a sense meaning any surviving visible relic, whether of building or otherwise.



THE RUINS OF THE ROMAN FORUM.

chieftainship of Odoacer, the first Germanic ruler of Italy (A. D. 476).*

It is clear that a history of Roman art is not merely a description of the ruins and relics which have come down to our day. Even for the periods which have been most fortunate in such survivals, the actual remains are a most insignificant and fragmentary portion of those which once existed. They assist us, however, to think of these others as once existing. And so of the periods which have left us practically nothing of the Romans, it also holds that our effort to reconceive them is vastly assisted by what we know of other Italian art, which has been somewhat more fortunate as regards survivals.

But there is still a point to be made in the matter of history as affecting Roman art. The word Roman has most singularly diverse meanings at different times. During the time of the monarchy (750-510 B. C.) it applies at first to a territory about ten miles wide by twenty long. During the later republic and between 275-31 B. C. it includes the whole of Italy.† During the time of the empire (B. C. 31-A. D. 476) it includes all the countries surrounding the Mediterranean basin as well as portions of Britain, Germany, and Hungary. And these changes are not simply changes of area which imply a series of widening conquests of foreign peoples which are ruled from a distance by foreigners to

* We do not consider Roman history in any sense as ending with the German invasions of the fifth century A. D., for it lasted a thousand years longer in Eastern Europe. But the ancient art and history of Rome, according to the current system of terminology, ended about this time; after which we speak of medieval art and history in Western Europe and of Byzantine (East Roman) art and history in Eastern Europe.

† The Northern Po valley was excluded from the political conception of Italy until the time of Caesar.

them. The Romans changed in quality, character, and literally in race, as much as the areas of domination changed. The Roman of the fifth century A. D. was any freeman living within the largest boundaries of the state—a Gaul, Briton, Spaniard, North African, Egyptian, Syrian, or Greek—and at this time he was not only Roman in name but also in language (if living in Western Europe), in laws, in rights, and in civilization. The Roman of the times of Marius and Sulla (first century B. C.) was any freeman within the boundaries of Italy—Etruscan, Gaul, or Samnite, as the case might be. The Romans of the time of the early kings did not even include the Latin tribe to which they otherwise belonged and whose language was their own.

It is clear then that the term Roman art is also not a fixed term. It implies also different things at different times. Luckily, however, it assists us to say in every time what the Romans of that time really were.

Early Italian and Etruscan Art.

We must begin then with some general conception of Italy at large in the time when the Roman city was first founded (about 750 B. C.) and also with some conception of the relations of the whole country to the exterior civilization of its time.

In the middle of the eighth century before Christ, ancient Egypt was only two centuries and a quarter distant from final national downfall, with the Persian conquest, and Assyria had a century less of national existence to run through. The time even of Rome's foundation was therefore not an early one in ancient history, which dates the Egyptian monarchy to 5000 B. C., and which concedes that the civilization of

Chaldea had reached its highest perfection at the time of the great pyramids. For many centuries before Rome's foundation, Italy had shared with other Mediterranean countries the benefits of Phenician commerce and that is to say that it was very intimately acquainted, at least through trade, with the technical



FIG. 1.—POLYCHROMATIC EGYPTIAN GLASS VASES FROM ITALY.
British Museum.

arts and inventions of the Egyptian and Mesopotamian civilizations. For the Phenicians made their living as merchants and their own civilization was entirely of Egyptian or Assyrian derivation.* Their great colony of Carthage had been founded in North Africa about fifty years before the foundation of Rome, but this was only one of countless settlements which they made along the shores of North and Northwest Africa,

*Assyrian civilization was a repetition and continuation of the Chaldean.

of Spain, of Southern France, of Sardinia, and Corsica.

Thus one element of Italian and therefore of Roman art was the Oriental, but this point applies less to style than it does to technical manipulation and the knowledge and uses of materials and tools. In the matter of style we shall observe some Oriental traits in surviving examples of early Italian art, but here rather because of Greek influences, which in early days themselves exhibited an Oriental character. This leads us to consider the influence of the Greeks in Italy as contrasted with that of the Phenicians.

The Greek colonies of Italy were especially numerous around its southern shores, but they reached as high north as Pisa. In Sicily they were especially important. Many of them were flourishing civic states as early as the eighth and seventh centuries B. C., and the Greeks had become very active rivals of Phenician commerce in the Eastern Mediterranean as early as the eighth century.

Italian art, when we first know it, is thus composed of two factors—the Oriental (through Phenician commerce) and the Greek—the Greek having overlaid the Oriental substratum of technical inventions with its own peculiar style, which in its early days had itself an Oriental guise and quality.

The three Italian nations which we know best at the time of Rome's foundation (aside from the Greek settlers of Italy) are the Samnites, the Etruscans, and the Gauls. They were mainly settled in the order named from south to north. The Gauls were the ruling nation of the Po valley; the Etruscans were especially strong in modern Tuscany, which is named after them, although they had settlements also in Campania (in the vicinity of Naples).

Among these nations we owe most to the Etruscans for our general knowledge of ancient Italy, in which they were certainly the most highly civilized and powerful native nation. Aside from a few walls, tunneled aqueducts, and arches, we know them best from the objects found in their tombs.

Like other ancient nations the Etruscans believed in a life after death, and like other ancient nations, they actually believed that the utensils, ornaments, and surroundings of this life were available for the use of the deceased in the spirit world.* Hence the practice of burying in the tombs so many various objects of daily life, which, as excavated in the last two centuries, now enable us to reconstruct a picture of ancient civilization.

The museums which are especially rich in the objects from Etruscan tombs are those of the Vatican at Rome and of Florence, while many others are in the Louvre at Paris and in the British Museum. These objects are by no means exclusively of Etruscan art and manufacture. Many of them are importations of commerce derived from the Greeks and from the Phenicians, which are significant



FIG. 2.—ETRUSCAN
BRONZE STATUETTE.
British Museum.

* The traditional practice of placing these objects in the tombs undoubtedly survived by many centuries the belief in their actual utility to the dead. The practice continued among all pagan nations until the triumph of Christianity in the fourth century A. D., and there were many philosophic minds which were superior to so materialistic a view of the after life at least as early as the fifth century before Christ.

of the general influences and conditions under which the Italian art developed, as already mentioned.

Bronze, silver, and gold vessels, occasionally vases, more frequently saucer-shaped *pateras*, are embossed and engraved in an Egyptian style and with Egyptian

subjects, and were made and sold by the Phenicians. Similar ones found in Cyprus can be seen in the New York Museum and are illustrated in Cesnola's "Cyprus." Articles of jewelry of Egypto-Phenician make and style are especially well represented in the Campana Collection of the Louvre and in the Vatican. The Etruscans were themselves great workers in metal, at first under Oriental tutelage, and consequently using Oriental patterns in the pieces of earlier date. Large bronze shields and vessels of their make can be seen in the British Museum. Much more numerous in the modern finds

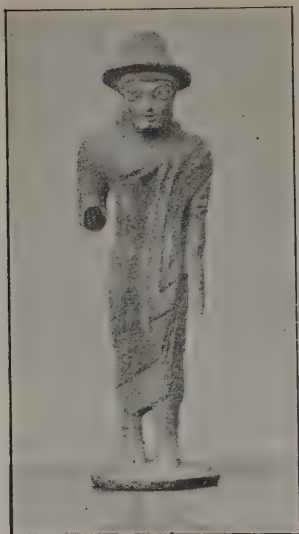


FIG. 3.—ETRUSCAN BRONZE
STATUETTE.
British Museum.

are vessels of black pottery ("*Bucchero* ware") with raised patterns imitating the embossed designs of metal. Diminutive vases of opaque polychromatic glass which were used for unguents or perfumes of the toilet were among the objects of Egyptian importation.

Various miscellaneous objects of the above-mentioned classes can be dated to the seventh century B. C. It is

not likely that many of those known are older than the eighth. Among the most famous excavated early Etruscan tombs are the "Regulini-Galassi" tomb at Cervetri and the "Polledrara" tomb at Vulci.

As early at least as the sixth century B. C. Greek influences are very distinct in Etruscan art and were in fact dominant from that time. They are not, however, obvious to an eye accustomed to the perfected Greek style and to a person unaware how thoroughly Oriental in appearance the early Greek art really was. The Cypriote Greek statuettes and figurines of the New York Museum will offer, however, many analogies to the figures shown here in the text. The rude appearance of Figure 2 would only allow us to say that, although in fact Etruscan, it might have been made by any Mediterranean people, imitating Oriental art in a rude way; for if the figure had been Egyptian it might have been equally stiff in posture but it would be far more refined and finished in details. But with Figs. 3 and



FIG. 4.—ETRUSCAN BRONZE
VENUS STATUETTE.
British Museum.

But with Figs. 3 and

4 we have unmistakable Greek traits, although the figures themselves are Etruscan. There is no reason for dating any of these figures earlier than the sixth century B. C., although they represent a style which had ex-



FIG. 5.—ETRUSCAN BRONZE STATUETTE
OF DIANA. British Museum.

isted in Italy for some considerable time before that date. This style continued with some slight improvement in the early fifth century B. C., as illustrated in Figure 5.

We have here a very good illustration, not only of the early Etruscan art, but also of the Greek art of the same time, on which it now became dependent. This statuette is a typical one for Greek and Etruscan style down to the very threshold of the Phidian period. The pose shows Egyptian influences and places the left leg in advance, which is al-

ways found in Egyptian statues which place the legs in action. The drapery and gestures of the arms are distinctly early Greek. The bulging eyes would not be found, however, in a Greek piece which had reached

the technical perfection of the execution here; and this execution, it should be observed, is by no means rude. The zigzag drapery lines (observable in 5 and 4) are originally imitations in Greek art from wooden figurines used in shrines, which were dressed in actual stuffs plaited to the figure in a manner thus copied.

On the whole it should be said that very erroneous conclusions as to the general condition of a civilization might be drawn from the odd appearance of such figures. Something is to be attributed to the conservative influence of religious tradition, but it should be remembered that the world did not yet know that perfection of Greek art which has since become commonplace. The Oriental



FIG. 6.—RELIEF FROM A STONE ETRUSCAN CIST. British Museum.

art which had so far ruled the civilized world, and whose influences are still apparent in these illustrations, had reached a high perfection of formal and technical

execution, but sculpture as practiced by the Egyptians



FIG. 7.—ETRUSCAN BRONZE STATUETTE.
MARS. British Museum.

had not for many centuries deviated from a fixed and motionless conception of the sitting and standing figure and the very perfection of Egyptian civilization contributed to restrain and formalize at the outset the art of nations which were learning from it.

The early Etruscan surface design (paintings as known from tomb frescoes, and reliefs) exhibits some traits foreign to Greek style and also a general dependence on it. In the relief from Chiusi (6) the exaggeration and contortion of the attitudes are distinctively Etruscan, although the general conception of the art shows Greek traditions. A certain straining and

violence in the attitudes of reliefs is very common in Etruscan art and is well illustrated here. The date is not far from 500 B. C.

We come then finally, as regards the art of design, to that which shows dependence on the perfected style of the Greeks. Figure 7 would be an illustration of this class and, judging from the face, is of a relatively early date—late fifth, or early fourth century B. C. From this time on, Etruscan art is Greek in matter as well as manner, and with such slight deviations from the original that a practiced eye is required to note them. Quite numerous in the museums of Europe are the



FIG. 8.—GREEK VASE FROM AN ETRUSCAN TOMB. British Museum.

ladies' bronze mirrors which are decorated on the back with subjects of Greek myth, and the circular bronze cists which held objects for the toilet are decorated in the same fashion.

The most palpable indication of the Greek influences in Etruscan, and therefore in Italian, art is the very large number of imported Greek painted pottery vases found in the tombs. So numerous are they that the presumption long prevailed that they were native Etruscan works, and the title of "Etruscan vases" still clings in popular use to them, although

not one in a thousand was actually Etruscan work.

The Etruscans were especially famous for their skill in working terra cotta (baked clay) of which many examples survive. In gem-cutting they even excelled the Greeks, as far as actual skill in execution is concerned. Their bronze utensils were in request at Athens for artistic workmanship in the best days of Athenian art.

The two most noted existing works of Etruscan art are the life-size bronze wolf of the Capitol Museum in Rome and the large bronze Chimæra in Florence. Their sculptured stone sarcophagi and stone cists (for the ashes of cremated bodies) are quite numerous in several museums, but the decorative reliefs and surmounting reclining figures of these works are generally of rather inferior art and execution.

Finally, we have to mention the Etruscans as engineers and architects. It is here that they must have been most helpful to the Romans. No ruins of Etruscan temples have survived. They are known to have resembled the Greek temples in form and are presumed to have been rather inferior to them in the beauty of detail and of proportions. The Etruscans are credited with devising the cold and formal style of Doric capital which was generally used by the Romans in the time of the empire (when they employed the Doric) and which has been known as the "Tuscan" Order (Fig. 12). It has been shown, however, by an American archaeologist,* that the so-called Tuscan Doric capital is probably the survival of a very simple and undeveloped Doric form, rather than the late corruption and debasement of a

* Dr. Joseph Thacher Clarke; translator of Reber's "History of Ancient Art," and excavator at Assos in Asia Minor for the Archaeological Institute of America.

better one. The capital in question, as illustrated here from a modern drawing, lacks the fine curve and bold

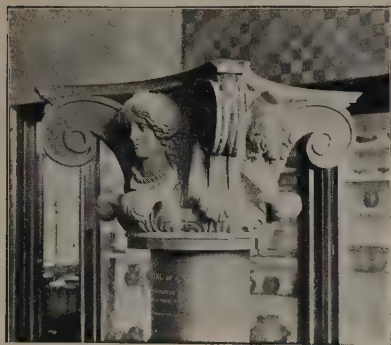


FIG. 9.—ETRUSCAN CAPITAL FROM A TOMB, VULCI. British Museum.

Ionic capital in the British Museum shows an anticipation of this form in the row of acanthus leaves around the neck (Fig. 9).

The most famous contribution of the Etruscans to Roman art is the use of the arch (Figs. 10, 11). That they were the first to use it in Italy is clear and it is also clear that they used it largely, though even the ruins of their work in this line are scanty. The early use of the arch in Oriental countries is now generally conceded and it is undoubtedly one of the arts which the Etruscans borrowed from the East. The keystone arch was discovered in Egypt in 1891, in a tomb at Maydoom, belonging to the Third Dynasty (over 4000 B. C.).* It has long been known in brick arches at Thebes, which are dated to the Eighteenth Dynasty (1600 B. C.). Its

projection of the Parthenon Doric and is also distinguished from the Greek Doric by a projecting fillet at the top of the column. It is probable that the so-called Composite Order of the Romans (Fig. 29) originated with the Etruscans. A very interesting and beautiful variant of the

* By Mr. Wm. M. Flinders Petrie.

use in ancient Assyria is demonstrated in doorways, gateways, and drains, and is almost certainly demonstrated for the vaulting (roofing) of Assyrian palaces. The general repugnance of Greek builders to the arch is notorious and its later widespread use throughout the modern world is certainly due to the Etruscans, as the Romans learned its use from them. Their capacity as engineers is attested by various drainage constructions, of which the most famous is the Cloaca Maxima, or great sewer, at Rome, dating from the sixth century B. C. (Fig. 11.)

The Etruscan political system was one of independent cities banded together for foreign emergencies and ruled by oligarchy. This alliance of civic states was ultimately conquered by Rome during the Samnite wars (in which the Etruscans were no less engaged than the Samnites) between 350 and 290 B. C. They were then gradually absorbed into the Roman political system. The Etruscans were all Roman citizens before the first century of the Christian era. Their language was displaced by the Latin, and in this the conquest of the Roman was most apparent, for there is no conquest of force which can equal that involved in the disappearance of a language. No literature of the Etruscans has survived. Their language as found in inscriptions is undeciphered and appears to be foreign in derivation to other speeches of Europe. Their alphabet was borrowed from the Greeks and their deities appear to have been roughly analogous to theirs. Their religion, as would appear from tomb paintings, was more fantastic and more gloomy than the Greek. Considering the great excellence of their art and their obvious importance as a nation, almost nothing is known of this people. They are still awaiting their

historian. This is partly owing to our ignorance of their language, and their lack of a surviving literature ; but it is a grand point to understand that although they dis-



FIG. 10.—ANCIENT ETRUSCAN GATEWAY. Volterra.

appear from history in name with the third century B. C.—they did not disappear in fact. They were not exterminated or decimated as a race. They had been the foremost native people of Italy in its early civilization, and as Roman subjects and Roman citizens they continued to play their part—less conspicuously, but not less serviceably. Mæcenæ, the great patron of letters and friend of Augustus, was an Etruscan—so were the Emperors Vespasian and Titus. Their artistic talents and technical knowledge certainly did their full share of service to the Roman imperial period which concealed under its name and shadow so many nations and so many national talents. In the Middle Ages and in the Italian Renaissance the Tuscan artists were the foremost of Italy.*

* A small but interesting collection of Etruscan objects is in the Boston Museum of Fine Arts.

CHAPTER III.

THE EARLY ROMAN ART.

OUR sketch and illustrations of Etruscan art must serve to give some idea of the surroundings and culture with which the Romans were in contact in early days. The great power and wealth of the Greek states of Italy must not be overlooked in the matter of influence, nor the fact that during nearly five hundred years of Roman history (750-275 B. C.) they were of much greater importance in Italian history than Rome itself; but they were not geographically or otherwise in direct relations with this state, and their influence must be conceived rather as indirect through the Etruscans and the Samnites,* as explained for these peoples.

The main apparent fact in early Roman character is its practical, honest, and logical nature; averse to luxury, and antagonistic in its strictly political and military tendencies to the more artistic and highly developed peoples of the Peninsula. Roman art was mainly conspicuous by its absence in early centuries of the monarchy and republic; if we conceive the word "art" as relating to the decorative and luxurious sides of domestic or of national life. Statues and temples of the gods there were, arms and weapons for the soldier,

* Much less is known of this people in the way of remains than of the Etruscans. Greek influences were paramount as far as we know their art.

implements and tools for the farmer, houses and clothes and utensils for rich and poor; and most of these things, according to the practice of all ancient nations, must have had some fitting artistic setting forth and decorative treatment—and yet rigid economy, stern discipline, legal exactitude, steadfast fortitude, domestic simplicity,



FIG. 11.—THE CLOACA MAXIMA, ROME.

and national self-restraint were the points of character most obvious in the Romans. There was no nation in Italy so slightly endowed with purely artistic tastes and capacity, and none so gifted with the practical and common sense virtues.

It was this character which ensured the Romans an ultimate triumph over all other states of Italy in the various contentions and rivalries of many centuries. They rose first as a small civic community to an ascendancy over their own Latin tribe and territory (750-650 B. C.). This territory did not begin to expand outside of Latium till the times of Philip of Macedon and of Alexander the Great (after 350 B. C.). In the Samnite and Etruscan wars,* which then began, they rapidly became masters of all Italy between the Northern Apennines and the Greek colonies of the South (290 B. C.). These latter were also absorbed into their political system after the wars with the Macedonian Pyrrhus (275 B. C.).



FIG. 12.—TUSCAN (DORIC) CAPITAL.
Roman Period.

It is at this time that we begin to form somewhat more definite ideas of what Roman art now was by remembering what Roman art became. The Romans were the only conquerors of antiquity who gave to the vanquished the rights and privileges of the victors.† Wisdom and common sense were partners of their generosity here. Their steps in this direction were never, however, taken rapidly or suddenly. Their allies and friends, cities or individuals, were given the preference. There was a graded series of rights and privileges for both indi-

* Samnites and Etruscans were in alliance, but the wars are known in history as the "Samnite Wars."

† It was the habit of the Romans never to ask harder terms of an enemy after the battle was won, than they did before it began.

viduals and cities, ranging between full Roman rights and none at all. But the steps were always being ascended in rising order, the area and amount of



FIG. 13.—ROMAN GLASS FROM THE CRIMEA. British Museum.

Roman privilege were always widening and increasing and in Italy itself the Roman citizenship was the right of every freeman soon after B. C. 100. The system of soldier-farmer colonies was another element in the Romanizing process. Roman soldiers were not paid mercenaries in the time of the monarchy or of the early republic. They were citizen-farmers, some or many of whom were given new lands on the boundaries and lines of the new frontier whenever conquests had been made. This was another cause and explanation of the amalgamation which took place between the conquered peoples and the conquerors. All these explanations are essential

to a philosophic account of the manner in which the Roman art became the Italian and the Italian art became the Roman. Thus we see that the knowledge of Etruscan art is in reality not only a means of imagining what the early Roman art was, but it is also a means of knowing what the Roman art became, viz : that of Italy at large.

BIBLIOGRAPHY.—*Mommsen's* and *Ihne's* histories of Rome are the best (both German, both translated).



FIG. 11.—ROMAN TRIUMPHAL ARCH, North Africa.

CHAPTER IV.

THE DEVELOPMENT OF THE EMPIRE.

IT IS only the nineteenth century which has been conscientious in preserving the monuments of the past, but it is also like its predecessors in not fearing to pull down what has been done within a century or two, a system which, when applied for centuries, leaves very little to speak for any. As it frequently happens in our own time, so it was with the Romans. In the days of wealth and power the old buildings were not good enough or large enough to suit the new ideas of the people and were replaced by those whose ruins have partly come down to our time. Some of the walls built by King Servius Tullius and the Etruscan drainage aqueduct and sewer known as the Cloaca Maxima (Fig. 11) are the chief visible remains of the Roman monarchy (750–510 B. C.).

The early republic has been equally unfortunate. The first important remains of Roman construction in point of time are some of the aqueduct ruins of the Campagna* dating about 150 B. C.

Meantime, before this date, still farther and more important revolutions, or evolutions, had befallen the Roman state. Mistress of Italy after B. C. 275,† her

* The wide and now mainly deserted plains which surround the modern city.

† The Northern Po valley was not considered a part of Italy till the time of Cæsar B. C. 50. It was, till then, Cisalpine Gaul ("Gaul this side the Alps").

power had become a standing threat to that of the Phœnician Carthage which ruled the coasts of North Africa and Eastern Spain, and the Islands of Sardinia and Corsica, with much less attention to the well-being of the conquered populations than was displayed by



FIG. 15.—ROMAN BRONZE STATUETTE OF JUPITER. From Hungary. Brit. Mus.

Rome with the conquered states of Italy. The contrast was apparent to the peoples oppressed by the Phœnicians, who in their turn were conscious of the hatred which their oppressions caused. Both saw in Rome the rival of the oppressor and consequently the champion of the oppressed. Hence a jealousy which led to the wars with Carthage (260–200 B. C.), whose ultimate result was Roman supremacy throughout the whole Western Mediterranean and over its shores. This enormous access of power roused the jealousy of the states of

the Macedonian Greeks which had succeeded to Alexander's great Oriental empire. After B. C. 200 Rome thus

became involved in contentions with the Greek Asiatic states, and with the Macedonian rulers, which by the time of Julius Cæsar (B. C. 50) had resulted in turning all the countries of the Eastern Mediterranean into Roman provinces.

We know Julius Cæsar as the founder of the later empire and Augustus as its first recognized ruler. Its territories were ultimately (according to modern designations) England, South and West Germany, Austria, France, Spain, North Africa, Egypt, Syria, Asia Minor, European Turkey, Greece, Roumania, and the Danube



FIG. 16.—ROMAN AQUEDUCT IN SOUTHERN FRANCE. Nîmes.

countries, Southern Hungary, and, of course, Italy. As regards the art of the Roman Empire, which, as already explained, is mainly the only art of the Romans known now

to us, we must insist on the process accomplished through its history, which corresponds to that already explained for the Romans of Italy and the Italians conquered by Rome. The same facts, on a broader scale, hold for all the territories above named but with one grand distinction between the eastern and the western halves of the empire. The East had a civilization long antedating that of the Romans, but affiliated with it, not only by correspondence of derivation and character, but also by a long series of transmissions and expansions to and over Italy herself (see the chapter on Etruscan art). The art of the whole Eastern Mediterranean was Greek or Grecianized since Alexander.*



FIG. 17.—ROMAN BRONZE STATUETTE FOUND IN ENGLAND. A MILITARY OFFICER.
British Museum.

* Always excepting Egypt, which mainly continued to exhibit her own independent style under Greek kings and Roman emperors.

In Africa the Romans succeeded to the heritage of Carthaginian civilization which had become itself much Grecianized. In Spain the Romans succeeded to the heritage of the Phenicians and the Greeks.* In France they succeeded to the heritage of Phenician and Greek influences †—and yet in all these countries they were



FIG. 18.—ROMAN GATEWAY IN GERMANY. Trier.

themselves largely the founders and fathers of later civilization, and for England, Northern France, and West and South Germany, they were almost entirely so.

The distinction then between the eastern and western parts of the empire is that very largely in the West the Romans were the propagators and pioneers, while in the East they were the heirs and the learners. The case briefly stated, is that the Romans were the lawyers, the

* Who had founded many cities on the northeast coast.

† There were many Greek colonies in Southern France, of which Marseilles was the most important.

engineers, the systematizers, and the pathfinders of the later centuries of Mediterranean history. All the peoples of the empire became Roman in language,* in governmental systems, and in rights of citizenship,† and the Romans themselves were transformed into the general mass of the population which they had solidified and endowed with their own laws and culture.

It is only in this way that we can rightly conceive the significance and importance of Roman ruins and works of art as found in England, Spain, France, Germany, Africa, Syria, etc. It is of great importance not to view



FIG. 19.—ROMAN RUINS IN SYRIA. Baalbek.

* If not already Greek; both languages were commonly known to educated people.

† The edict of Caracalla (3d century B. C.) gave the citizenship to all free-men.

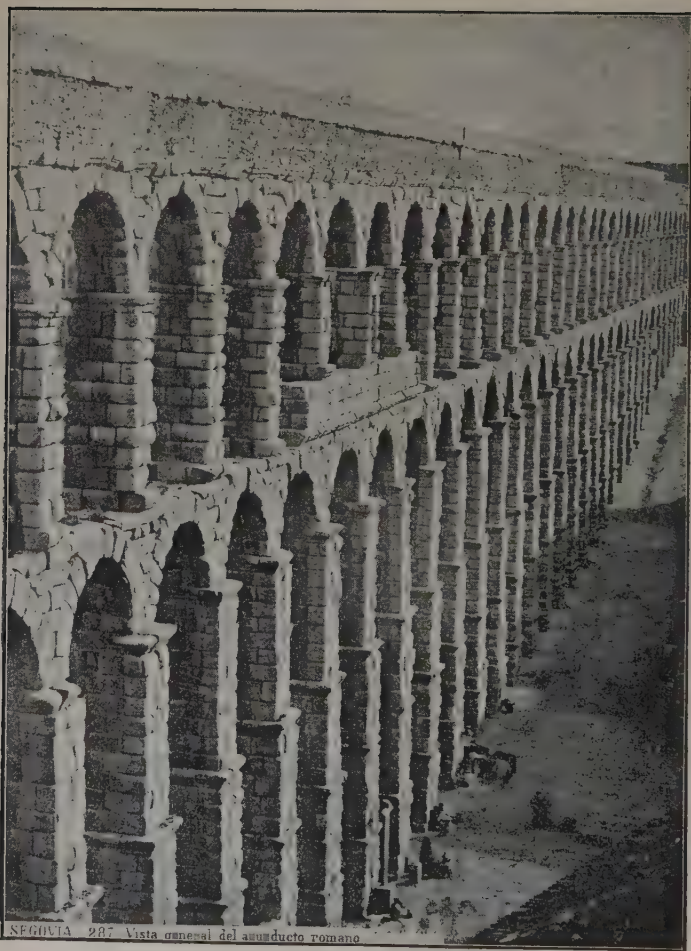


FIG. 20.—ROMAN AQUEDUCT IN SPAIN, Segovia.

these things as they have been viewed in a more elementary stage of modern studies—as monuments of conquest, as exported works of art, as relics of a foreign domination—in a word as *intrusive* and as foreign to the countries where they are found. They represent on the contrary, the native civilization and the native art of the countries in which they were made, for the time in which they were made—as the result not of military conquest but of commerce and of intercourse working through centuries. The power of the Roman did not lie in force of arms but in the catholic self-abnegation of the statesmen and heroes who conceived of history as an evolution of commerce, not as a carnage of rival armies. Soldiers and legions and generals there were, combats and jealousies of interior rival forces, and selfishness—as always in history. But the legions of the empire were not raised to trample on the liberties of Roman citizens, and all freemen were Roman citizens or so became. These legions were the guardians of the civilization of their day. Their post was the frontiers of the State and their indirect mission largely was to continue the expansion of the domestic arts and sciences beyond its borders.*

The illustrations have been chosen through these immediate pages as symbols of the diffusion of Roman civilization under the conditions just explained. On the other hand it is most important where illustrations from Italy or the city of Rome are concerned, to look at them as representing buildings or objects which once covered all the territories named.

* The Roman legions were largely raised in the countries where they habitually served. They were British, German, or Gallic, as the case might be, but often subject to transfer. It is well known that they were much employed on the public works.

The most marvelous witnesses to the character of Roman civilization are the Roman ruins east of the Jordan in Syria, where there are more Roman ruins to-day than in the entire area of the old Roman world otherwise considered—the explanation being simply that the Bedouin Arabs now dwelling in this country and whose tribes have had it in possession since the



FIG. 21.—ROMAN RUIN. East Jordan Territory.

seventh century A. D., live in tents and have never treated the ruins as quarries for building material. It is this use of Roman ruins as quarries by the later popu-

lations of all other territories named which has caused their destruction and disappearance, so that it is difficult to imagine now the territories of England, France, Spain, or North Africa, as having once exhibited the same wonderful number of constructions which the East Jordan territory still bears to view.

CHAPTER V.

GENERAL REVIEW OF THE ROMAN ART.

IT WAS in the second century B. C. that growing wealth at Rome, vast territorial power, and the influence of the Greek Macedonian and Greek Asiatic states brought about the first decided break with the old conservative traditions and with the old Roman indifference to art for its own sake. After the destruction of Corinth by the Roman general Mummius (146 B. C.) enormous numbers of Greek statues were carried off to Rome. A certain number of the famous statues of the modern Italian museums doubtless found their way to Italy at this time. Greek philosophy and Greek literature were cultivated with more and more attention. It was above all the general luxury, refinement, and ease of living in the Alexandrine states which made headway at Rome and which involved that interest in art which is often professed by the man of wealth as a matter of display and ostentation, or at least of necessary fashion. The Greek art of the mother country was at this time itself in a condition of relative decadence, not of productivity or technical capacity, but of simplicity of taste and grandeur of style. In sculpture the taste of the Roman therefore affected the realistic tendencies and minute technical perfection of the Medici Venus and of the Dying Gaul, of the Laocoön group, the Belvedere Torso,



GRECO-ROMAN RELIEF FROM THE DECORATION OF A FOUNTAIN.
LATERAN MUSEUM. A NYMPH FEEDING THE INFANT
PLUTUS FROM HER HORN OF PLENTY.

and similar works.* In the statues of Greek subjects which began to be made more and more in Italy two



FIG. 22.—FAUN. COPY AFTER PRAXITELES. Capitol, Rome.

tendencies were therefore apparent, either that minute and sometimes over-anxious attention to minor details, which is natural to the taste of the amateur and the

* Compare the book on Greek Art published for the Chautauqua Circle.

dilettante, or else a multiplication of copies of some given type in the rapid and mechanical execution of the artisan or stone cutter. It must be remembered that most of the statues from which we derive our knowledge of Greek art were such copies made during the Roman imperial period or in the time of the late republic. At all events the multiplication of the Greek mythological subjects in sculpture through all the western territories of the empire was one result of its existence.

In spite of the qualifications which a conscientious



FIG. 23.—BUST OF JULIUS CÆSAR. Rome.

critic must make as to the productions of Roman-Greek art in face of the Parthenon marbles and similar works, an amazing degree of real beauty and of pure artistic taste continued to assert itself in these later days. This is especially apparent in the collections of the Naples Museum, which coming so largely from two excavated towns of the first century

A. D. (Herculaneum and Pompeii), are a fair test of the taste of Southern Italy at this time. Both of these

places, it must however be remembered, had been Greek colonies originally.

It must be said in general that the Roman imperial art was most successful in the purest sense when it was least pretentious and least ostentatious. The small bronze statuettes of Pompeii and Herculaneum are examples of this point.

In decorative art, whether of utensils and furniture, or the sculptured carving of public buildings, or the painted frescoes of ordinary domestic houses, the highest perfection of taste was displayed. The painted frescoes of the Pompeian houses in the Naples Museum are an inexhaustible mine of vigorous design and beautiful conception, but always of a playful and sportive rather than of a serious taste.

A characteristic and native expression was found in the Roman portrait sculpture. The art of portraiture



FIG. 24.—BRONZE STATUETTE. VENUS.
Naples.

was not affected by the Greeks, whose sculpture was originally devoted to religious purposes, and rarely abandoned its traditions on this point, but the practical, businesslike and common sense nature of the Roman found its own peculiar expression in portrait sculpture, and achieved its best original work in this department.

It is especially, however, in architecture that the independent greatness of the Roman was apparent. In this practical and necessary art he has left astounding evidences of his boldness, firmness, and grandeur of character, and also of his attention to the material comfort and healthful lives of large masses of city population.

CHAPTER VI.

ROMAN ARCHITECTURE AND PAINTING.

WE HAVE seen that the Etruscan and early Roman temples were copies of the Greek, and this naturally holds of the temples of the empire. The only temple of Greek style throughout the territory of the Roman world which has been perfectly preserved (but in the exterior only) is the one at Nîmes in Southern France, which is there traditionally known as the *Maison Carrée* (the "square house"). The charm of this building (first or second century A. D.) is indescribable to those who have not seen it and eludes a photograph. Its beauty lies in the optical mystifications caused by various slight intentional irregularities of construction similar to those found in the Greek temples. The origin of the town of Nîmes in a settlement of Alexandrine Greeks (the Greeks were otherwise largely settled in Southern France) may be one explanation of the artistic beauty of this building.

In Rome itself the best preserved temple of Greek style is the small Ionic temple of *Fortuna Virilis*. The temple built in honor of the Emperor Antoninus and his wife Faustina, by Marcus Aurelius (second century A. D.) has lost its roof and pediment and is now surmounted by a Christian church. The sites of several other magnificent temples of the city are marked by

isolated groups of columns. In Italy at large, the most important surviving temple buildings are those at Assisi and at Pola. The little temple at Tivoli near Rome and the small temple of Vesta in the city are picturesque



FIG. 25.—THE “MAISON CARRÉE,” Nîmes.

ruins of circular shrines in fair preservation. A few columns at Athens mark the site of the colossal temple of the Olympian Jupiter built by Hadrian (second century A. D.). The most magnificent temple ruins of the whole Roman world for size and also for the colossal dimensions of the building blocks are those of Baalbek in Syria, a day's journey north of the road between Beyrout and Damascus (second century A. D.). The East Jordan territory is full of the ruins of Roman temples. Among these the one at Jerash (Gerasa) has the most imposing dimensions.



ARCHITECTURAL FRIEZE DETAIL. LATERAN MUSEUM.
FROM TRAJAN'S FORUM.

A comparison of these various buildings with the corresponding ruins of old Greek time shows them to be of less refinement in the masonry fitting and cutting and far less carefully elaborated in the details of construction.* A frequent departure from the beautiful Greek plan with the surrounding colonnade is found in the limitation of the Roman temple portico to the front, while the sides and rear are walls with "engaged" columns; semi-attached, that is, to the wall surface, so as to simulate a portico.

Departures from the old Greek refinement are also illustrated in the occasional abandonment of the curving outlines of the column and of its flutings, one or both.

An important distinction lies in the use by the old Doric Greek temples of colored surface ornament. These later buildings on the other hand, depend on a florid and elaborate but boldly picturesque execution of projected carving. The prevailing "Order" is the Corinthian.

The Ionic Order, when found, is of relatively inferior quality as regards the grace and refinement of the capitals and other details. There is no temple now known of the Roman period which employed the Doric or Tuscan Order. The dominance



FIG. 26. TEMPLE OF *Fortuna Virilis*.
Rome.

* Notwithstanding its picturesque charm the materials and masonry details of the *Maison Carrée* cannot be compared with those of the Parthenon.



FIG. 27.—TEMPLE OF ANTONINUS AND FAUSTINA. Rome.

of the Corinthian Order in Roman monuments is, of course, explained by the fact that it was the favored and characteristic Order of the Alexandrine Greeks. The capital known as "Composite" which was much used by the Romans, has modified Ionic volutes at the top but otherwise shows the usual acanthus leaves. (Fig. 29.)

In buildings which employed the arch and dome, the Romans showed their own characteristic boldness and force. Constructions like the aqueducts, which made no pretensions to artistic character are fine examples of the powerful artistic effect of rough masonry in elementary forms of construction. Aside from many ruins on the Campagna near Rome, and of far superior effect, the great aqueducts of Segovia in Spain and

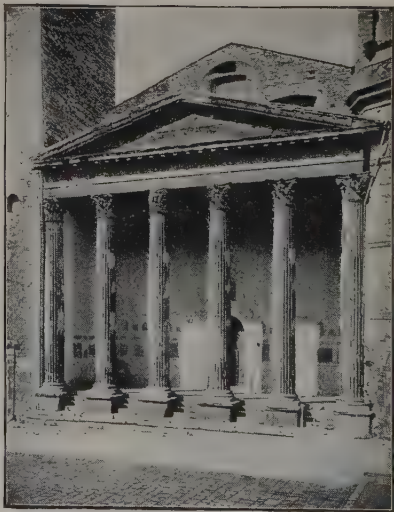


FIG. 28.—TEMPLE OF MINERVA. Assisi.

of Nîmes in France (the *Pont du Gard*) deserve pre-eminent mention. These aqueducts are an instance of the attention paid to the material comfort and hygiene of great cities which put our modern civilization to the blush. The city of Rome is now abundantly supplied with water by three out of its original fourteen aqueducts, and the city of Bologna now obtains its water through a restoration of its ancient aqueduct. It is said that hundreds of provincial Roman cities were more abundantly supplied with water than is the modern city of London.

This abundance of the water supply in Roman cities was connected with a system of public baths of great magnificence and great utility. The baths were also clubhouses for the people, which contained lounging and reading rooms, libraries, and gymnasiums. Large numbers of the statues of the modern Roman collections were found in their ruins, showing that they were also museums and galleries of art. Outside of Rome the recently excavated ruins at Bath in England are the most important remains of this class of building. In Rome the ruins of the Baths of Caracalla are now the most imposing and originally accommodated sixteen



FIG. 29.—ROMAN COMPOSITE (CORINTHIAN) CAPITAL.

thousand bathers. The statues now in Naples which belonged to the Farnese collection, like the Farnese Hercules, Farnese Bull Group, etc., were found in the Baths of Caracalla. The Baths of Diocletian are next in order of present importance and were partly turned into a



FIG. 30.—RUINED APARTMENT IN THE BATHS OF CARACALLA.

Christian church by Michael Angelo. The Baths of Titus were in fair preservation in the time of Raphael and his decorative designs in the Vatican Palace were

borrowed from them (the Loggie frescoes). Here was found the Laocoön Group of the Vatican. The Bath at Pompeii is a perfectly preserved structure showing all arrangements of the antique system for steam and hot baths, plunges, etc., and the various refinements which were handed down to the Russians and the Turks from the Roman Byzantine system and which are now known and practiced under foreign names. The one ancient Roman building of the whole Roman world now in fair preservation, both inside and out, is the great dome structure at Rome known as the Pantheon. Although this building was dedicated after completion to the gods of the conquered nations, it is thought to have been first designed as a part of the Baths of Agrippa, and it is an example of the great dome interiors which were distinctive for this class of building (begun 26 B. C.).

The basilicas were great halls assigned to the use of the merchants and of the courts of justice and were found in every city. The Basilica of Constantine at Rome is the most notable ruin of this class as regards present dimension. The broken stumps of the columns of Trajan's Basilica show that this building covered a larger area.

For Roman palaces the most interesting ruin is that of Diocletian's palace at Spalatro in Dalmatia (fourth century A. D.).



FIG. 31.—THE PANTHEON. Rome.

The triumphal arches were memorials of victory and successful wars, under which the processions of triumph took their way. There are various ruins of this class in Italy and elsewhere, the most important being those of Rome—the Arches of Constantine, of Septimius Severus, and of Titus.

The most imposing of all Roman constructions were the enormous amphitheatres built for the spectacles of the gladiatorial combats, and the fights of wild animals.



FIG. 32.—THE BASILICA OF CONSTANTINE. Rome.

Next to the Colosseum at Rome, begun by Vespasian and completed by Titus (80 A. D.), the most splendid ruins of this class are at Nîmes and Arles in France and at Verona in North Italy. The Colosseum covers more than seven

acres of ground and accommodated eighty thousand spectators.

In all these buildings (except the aqueducts) a method and style of ornament were originally employed * which



FIG. 83.—TRIUMPHAL ARCH OF SEPTIMIUS SEVERUS. Rome.

were revived by the Italians of modern history in the Renaissance period a thousand years after they had apparently passed into oblivion. This ornamental style, now known as the Renaissance, has had so wide a vogue in modern architecture that a distinct idea as to its Roman origin and use is a really essential thing for every educated person.

* In the ruins of the baths and basilicas, which were built of brick faced with marble, the marble panels have been torn away and the ornamental system does not now appear.

We have seen what debt the Romans owed the Greeks and yet how foreign to Greek art was their system of arch and dome construction. To this arch construction the Roman applied the Greek construction as an ornamental mask and facing. It is common to charge any use of "engaged" columns* to the score of the Romans as a departure from Greek ideas and usage, and yet we



FIG. 34.—THE COLOSSEUM. Rome.

see from engravings of the Erechtheum at Athens, which were made in the eighteenth century, that one portion of it was decorated with "engaged" columns. The same use appears in the Choragic Monument of Lysicrates at Athens. These instances in Greek sur-

* Columns used, not for actual porticoes, but for surface wall ornaments.

vivals make it practically certain that the system passed into Italy through the Alexandrine Greeks. It is not a use of the columnar form to be commended in theory, as it violates constructional truth and its occasional appearance in Greek monuments of the later period only shows, what we otherwise know, that a relative decline of taste rapidly followed the completion of the Parthenon.

In Roman art it must be confessed that the results of using the "engaged" columns were picturesque and the contrasts of line harmonious. It is a difficult matter to pass judgment upon critically, without on the one hand, yielding a point which is very much to be emphasized, viz: the desirability of constructional truth in building; or, on the other hand, committing the absurdity of condemning wholesale some of the finest architectural monuments of the world. The easiest way out of the difficulty is to treat the matter historically. Criticism is for the present; history is for the past.

In the Roman ornamental system we observe first the use of the "engaged" column as found in temples, that is, as a simulated portico (Figs. 25 and 26). It appears again in arch constructions as an ornamental framework supporting simulated entablatures. These entablatures are frequently seen jutting forward so as to correspond with the projecting surface of the columns (Fig. 33). In late imperial art as in the Renaissance decadence these breaks were inordinately multiplied and exaggerated. Finally the system of gables, pointed or rounded or broken at the center to surmount niches, doors, and windows is an obvious adaptation of the shape of the Greek temple pediment to decorative uses (Fig. 21). This also was probably first devised by the Alexandrine Greeks, as there are signs of its former use on the Tower

of the Winds at Athens. The most extravagant and corrupt instances of the gable ornament are found in the late Roman buildings of Syria ; at Palmyra, in the East Jordan country and in the rock tombs of Petra (north of the Sinai Peninsula).

The domestic architecture of the Roman period is best known to us through the buried town of Pompeii, near Naples. The ashes of Vesuvius, whose volcanic eruption in the year 79 A. D. buried this town, have preserved its dwelling houses until the excavations of the eighteenth and nineteenth centuries, in marvelous condition. The town was a small provincial one, and though it was apparently much affected by the Romans as a pleasure resort and watering place, the buildings



FIG. 35.—COURT OF A POMPEIIAN HOUSE.

certainly cannot have compared in dimension or height with those of Rome, where we know that houses of six stories were found. None in Pompeii are more than two stories high, and it is only in one or two cases that the second story has been preserved owing to the rotting of the timber beams and the pressure of the superincumbent volcanic ashes. The general arrangements of the ancient dwelling houses are, however, well represented. Like the domestic Oriental buildings of our own time they were absolutely unpretentious in ex-

terior appearance and with few windows opening on the streets. Each house was built about a court or a series of courts on which the small apartments opened. In many cases the street front was devoted to shops, disconnected with the house and separately rented.

The great interest of the Pompeiian houses lies in their painted decorations, not only on account of their beauty but also because they were the work of ordinary artisans and illustrate the artistic capacities of common workmen of that day. Most of the important frescoes have been moved to the Naples Museum. They lose a



FIG. 36.—POMPEIIAN FLOOR MOSAIC.
"Beware of the Dog." Naples Mus.

certain portion of their brilliancy soon after excavation, but the colors are still warm in effect and many are even bright. The pictures themselves are in many cases copies of more important ones by superior artists, which



FIG. 37.—POMPEIIAN WALL PAINTING. Naples Museum.

have been destroyed, and represent nearly all that we know, by survivals, of the earlier Greek painting. A number of very beautiful frescoes have, however, also been found in Rome.

The execution of these pictures was offhand and rapid, as natural to plaster decoration, and in details we fre-

quently find the slips and carelessness of rapid artisan work—on the other hand they bespeak an amazing fertility of invention and capacity for rapid execution of the most beautiful motives and poses. The subjects of



FIG. 38.—POMPEIIAN WALL PAINTING. Naples Museum.

these paintings correspond to the taste of the later periods of Greek art for playful and amatory themes drawn from Greek mythology, although there are other and many scenes from daily antique life and its surroundings. Many of them are in large or life-size dimen-

sions. On the plastered surfaces color was universally employed where no pictures are found. The warm dull red known as "Pompeian red" and orange yellow were much used. The columns of the porticoes, which universally enclose the interior courts, were stuccoed and painted in the same bright colors, red and yellow.

In the more important houses, bright mosaic pictures made of small cubes of colored glass or variously colored small cubes of stone are frequently found. Some were used for floor decorations, others for niches or small wall pictures. The most important of these, and the most



FIG. 39.—ROMAN MOSAIC. THE DRINKING DOVES. Capitol, Rome.

important survival of ancient pictorial art, is the large floor mosaic now in the Naples Museum, which represents the Battle of Issus, the victory of Alexander the Great over the Persian king, Darius.

Among the frescoes found in or near

Rome, the small painting now in the Vatican, known as the "Aldobrandini Wedding" from the modern villa on whose grounds it was discovered, is the most famous. Some other remarkable cases of landscape painting have been found in Rome in recent years. The mosaic in the Capitol Museum of the Drinking Doves also deserves especial mention. Beautiful mosaic floorings have been found in many of the territories which the empire embraced—many in England, many in North Africa, etc. A number of these are in the British Museum.



ROMAN PORTRAIT BUSTS, CAPITOL MUSEUM.

CHAPTER VII.

ROMAN DECORATIVE ART AND SCULPTURE.

AGAIN starting from Pompeii as the main center of such finds, we have to mention the wealth of utensils and furniture of daily life which is in the Naples Museum. Naturally it is the bronzes and metals which have survived. Nothing is left of the luxurious upholstery and wooden furniture which the paintings illustrate. In the bronze vases, tripods, lamps, and utensils of the Naples Museum we again learn how much taste and fine art adorned the lives of the everyday people of antiquity. Constant variety of invention and originality of designs are united with constant attention to use and structural form. The ornament emphasizes and develops the construction. In the pitcher-shaped vases it is, for instance, the handle itself which forms the ornamental motive or else it is the joints of its attachment. In the tripods, tables, and settees the feet and legs and joints are the points or lines of the ornament. These various objects again illustrate the way in which Greek art had permeated the life of Italy and its dependent provinces and, with slight distinctions as to style, would equally well illustrate the art of the centuries before and after the time of the Pompeian pieces. The bronze weights finely executed in the shape of human heads are an instance of the fertile devices for combining use with beauty.

Utensils similar to those of Pompeii have been otherwise most largely found in Etruscan tombs, but this simply means that, for reasons unknown to us, the fashions of interment among the Greeks themselves chose other objects for the burials. Aside from burial finds it is a rare occurrence that such objects have been found outside of Pompeii and Herculaneum.* A unique



FIG. 40.—POMPEIIAN STREET, AS EXCAVATED.

discovery was made, however, near Hildesheim in Germany, in 1869, of nearly a hundred pieces of the elaborately decorated silver table service of a Roman officer or general. It is supposed to date from the defeat of

* Herculaneum is a closely adjacent ancient city but it was covered with lava, not with ashes. Almost nothing has been done here in excavation since the middle of the eighteenth century, on account of the difficulty of mining through this lava deposit.

the Roman legions under Varus, near this place, in the year 9 A. D. This find is in the Berlin Museum.

Perhaps the most interesting objects among all those found at Pompeii are the carpenter's and workman's tools, medical instruments, gardening implements, etc. Although these do not come under the head of art, they have an equal or greater value in stimulating the imagination to resurrect the life of the ancients and it is solely for this purpose that we study their art. Their forms are largely the types of those in use to-day.

Decorated pottery like that of the Greek vases (Fig. 9) was not used after the second century B. C., and is consequently not found at Pompeii. The pottery of the Roman period, found in all countries of the empire, was the so-called "Samian" (aside from the coarser and ordinary ware). This Samian ware is of a

fine red paste decorated with molded or pressed designs, but it has no great artistic value.

The use of the finer early Greek pottery was displaced largely by glass, which was not very familiar to the Greeks of the fifth century B. C. Glass manufacture was an Oriental and especially an Egyptian art which spread to the Phenicians and was much cultivated in Syria. Here were many of the important factories



FIG. 41.—POMPEIIAN BRONZE LAMPS.
Naples Museum.

throughout the time of the empire and even in the early Middle Ages. Glass manufacture was independently cultivated in all territories of the empire also, and its forms and colors rival those of the modern Venetian glass, which is a traditional survival of this ancient art (Fig. 13).* It was a favored article for the interments and many beautiful specimens have thus survived. The "Portland Vase" of the British Mu-



FIG. 42.—POMPEIIAN WEIGHTS. Naples Museum.

seum is the most celebrated instance. The finest single collection of ancient glass is the Slade Collection of the British Museum, but the New York Museum possesses

* Venice is a direct connecting link with antiquity, having been founded in the fifth century A. D. It preserved its autonomy until the times of Bonaparte.

the best collection of the whole world, next to this.*

We may finally return to the Roman sculpture to observe that the reputation of individual busts or statues is rather owing to the fame of the personalities represented, among whom nearly all the great Roman statesmen and emperors are included, than to special distinc-



FIG. 43.—A POET HOLDING A TRAGIC THEATRICAL MASK, AND A MUSE. Relief, Lateran, Rome.

tion in workmanship. The merit of the execution and the obvious fidelity to nature are marvelously uniform and marvelously good. The largest collections are naturally in Rome and Naples, and the Louvre at Paris stands next in this department. The most interesting

* Its best pieces belong to the series gathered by the Parisian expert Charvet, but there is also an enormous collection of Roman glass from Cyprus.

portraits are those of poor people made by ordinary artisans, because they best exhibit the talent of the people at large rather than that of some artist employed by a person of distinction.

The grand point, in fact, which distinguishes ancient art from modern is the surpassing excellence of the

ordinary popular art—and this excellence is not only mechanical and technical but also that of observation, of patient labor, of simplicity, and of the ability to distinguish the thing which is characteristic and essential from that which is transient and unimportant.

Although the study of original Greek art is so largely made through Roman copies that we may feel disposed to hurry over this portion of the subject when the Roman period itself is in question—we must still say, after all necessary distinctions have been drawn re-



FIG. 41.—BRONZE STATUE OF DRUSUS.
Naples Museum.

garding the superior merit of earlier Greek works and

the various signs of relative decadence in the times of the empire ; that the statuary and relief art of Roman antiquity in its minor works, in its artisan copies, in its



FIG. 45.—ROMAN PORTRAIT BUSTS. Capitol, Rome.

popular productions, is a most marvelous instance of the possibilities and true greatness of the average man under favorable conditions.

How favorable these conditions were to the art of sculpture we must not, however, forget. The enormous amount of work done was one main condition of its technical excellence. This again is explained by a large popular demand.

In spite of the inroads of skepticism and the weakening influence of philosophy the mythology of the Greeks, as adopted by the Romans, retained a vital

hold on the popular consciousness as late as the third century A. D. The ancient Greek method of personifying abstract ideas, virtues, and moral lessons, in the guise of bodily forms continued till this time. An entire series of subjects of legendary art was employed in the relief decoration of the sarcophagi. The open-

air life of antiquity, the interest in monumental decoration, and the public attention to public art made much patronage for the ordinary artisan and promoted the education of other and superior artists. On the whole, in insisting on the value of Roman statuary copies for a study of the earlier Greeks, we must not overlook the significance of these statuary works for the empire itself.

For the comprehension of all art before the invention of printing and the consequent diffusion of books we cannot insist too much on the point that books and



FIG. 46.—BUST OF THE EMPEROR TITUS.
Naples Museum.

printing have taken the place which art once took. It was not only the means of monumental record but also of popular instruction and of popular amusement. We should never dream of studying the daily life of the nineteenth century through its painting and its sculpture, but this is our main authority and our necessary authority for the daily life of



FIG. 47.—SLEEPING FAUN. BRONZE FROM HERCULANEUM. Naples.

antiquity. The greatest importance consequently attaches to the minutest and apparently most trivial objects of Roman art, because they are most significant for this daily life and most characteristic for the taste of everyday people. It is from this point of view that the Roman engraved gems used in the signet rings are interesting. A wealth of beauty and of artistic adaptation of means to ends is apparent in these little objects (Fig. 48).



FIG. 48.—CASTS FROM ROMAN SIGNET GEMS. British Museum.

CHAPTER VIII.

THE ROMAN DECADENCE.

THE great service of the Roman Empire to the nations of Western Europe was ultimately its own great weakness. It had brought the Gauls, the British, the Spaniards, and the West and South Germans within the pale of civilization, but it could not leaven so large a mass of population with its own culture without suffering a corresponding loss of vitality and without sacrificing the standards of perfection in literature, in art, and in public taste, which it had either inherited or transferred from the older Greek culture of the Eastern Mediterranean.

The history of the beginnings of the empire and its art is not a history of evolution or development (outside of politics) so much as it is a history of diffusion and of transfer. The arch with its borrowed Greek decorative adjuncts spread from Italy all over Western Europe (Fig. 18). The style of Roman-Greek sculpture was found in Hungary and in Britain (Figs. 15, 17), but there was a certain loss of quality involved in these transfers. The Roman Italian himself was a borrower as we have seen, therefore he could not lend too lavishly to others without encroaching on his own resources. In the very beginnings of the empire the party of reaction against the policy of favoring the provincials had in-

stinctively foreseen these results. Cæsar was assassinated because he had admitted Gauls and Spaniards to the Roman Senate. In this policy he represented the march of events, but this march of events led to the decline and downfall of ancient civilization in one sense, though not in all.

In the first century of the empire we naturally distinguish excellences in the art of the capital city and of Italy which do not hold of the Roman art of Gaul or of Africa. As the provinces became more thoroughly Romanized, their still inferior art and culture reacted on the capital city and on Italy at large. In the second century A. D. we thus distinguish a certain decline, for instance, in the general quality of the sculpture done at Rome as compared with that of the first century A. D. In the third century of the Christian era the decline was so rapid in the art of ancient sculpture that the close of the century had almost witnessed the downfall of this art, as regards the production of any representative examples which could be quoted beside the master-



FIG. 49.—WALL PAINTING. CHRIST AND THE WOMAN OF SAMARIA. Catacomb of St. Calixtus. Fourth Century.

pieces of antiquity. In architecture the same change was going on as regards the purity of classic Greek details and the refinements of masonry construction. The monuments which would illustrate this decline in classic buildings are mainly lacking in Italy, but the fragments which exist are sufficient testimony. We might specify, for instance, the base Ionic capitals and the unfluted columns (also lacking the entasis) of the so-called Temple of Saturn in the Roman Forum. In the buildings of the East Jordan territory, which belong mainly to this time, there are numerous instances of the corruption and disintegration of classic architecture.

Throughout the first three centuries of the Christian era there was another element of disintegration of classic art involved in the rise and rapid spread of the Christian religion. The bitter persecutions of the second and third century are only a witness to the large number of converts then existing, and the action taken by the Emperor Constantine at the opening of the fourth century definitely announced that the Christians formed the majority of his subjects. Although the emperor was himself baptized on his deathbed, it is clear that his earlier action in placing Christianity under state protection and giving it a state recognition, was based on political motives, and that it was intended to secure, as it did secure him, the political support of the majority of his subjects in his own struggle for power against his rival, Licinius.

In contrasting this political recognition of the Christian faith in the fourth century with the bitter persecutions which preceded, it is well to remember that Roman policy was in general one of toleration to all religions, but that it only recognized those of national character.

Sects and schisms within the national limit could not be tolerated without sacrificing the national good will to Rome which the policy of toleration was intended to secure. Christianity was at first considered a sect or schism of the Jews, whose own faith was tolerated. The refusal of the Christians to do divine honors to the emperor, which to them was contrary to conscience, was also supposed by the pagans to be an indication of disloyalty to the state. The general tolerance practiced by the Romans is indicated by the dedication of the



FIG. 50.—BASILICA CHURCH OF THE MANGER. Bethlehem.
Fourth Century.

Pantheon to the gods of the conquered nations (p. 55).

These explanations may serve to show that there was no real break with Roman political traditions involved in the triumph of Christianity, and that this

triumph was a logical continuation of the idea which the Romans had represented in ancient politics. They had represented the ideal of the political brotherhood of man and the spiritual brotherhood announced by Christianity was a logical result. The Romans had broken down the prejudices of national antagonism and had united all the nations of the then civilized world under one government. The downfall of national religions in favor of a universal religion was a counterpart of this movement.

But the decadence and absolute downfall of ancient art were an inevitable consequence of the triumph of Christianity. Ancient temple architecture was pagan. Ancient sculpture was pagan and ancient painting was pagan. The destruction of the idols and the temples was the first duty and the first act of the successful Christians. That the Greek statues had been personifications of noble and beautiful ideas was not so clear to the early Christians as it is to us. With them the imputation of idolatry involved the wholesale condemnation of the art.

There was involved here a double cause of art decay. First and foremost the art of sculpture was abandoned in so far as its subjects had been mythical or religious, that is to say pagan. Now, aside from Roman portraits almost the entire ancient art was ostensibly mythical in subject. The cessation of patronage involved the downfall of the art. There was furthermore the antagonism of the Christian ideal of those days to the ancient ideal of beauty and physical well-being as expressed in sculpture. The mission of the Christian was to exalt the things of the spirit above the things of the body—poverty, humility, long-suffering, and the

mortification of human desires were the virtues which he exalted. There was, moreover, a natural bond of connection between the deterioration of Roman art (involved in the widespread diffusion among the provincials) and the triumph of the Christians. For in this triumph was involved a revolution in the social order and in the standing of the classes of society. The Christian faith found its first converts among the poor and lowly. It spread most rapidly among the lower orders of society. Their triumph was the defeat of the aristocracies of wealth and blood which did not ally themselves with the new movement. For it was with the philosophers, with the learned, and with the well-born, that paganism especially found its strongest supporters and advocates. The deterioration of taste and refinement which has been explained as a natural result of the diffusion of Roman culture over Western Europe, was allied with the social revolution which the triumph of the Christians carried with it.

But there is still something to be said as to the decadence of antique Roman art, which regards the introduction of foreign barbaric elements within the limits of its civilization. In the later days of the empire (third century B. C.) its borders may be roughly described, outside of Britain, as the Rhine, Danube, Black Sea, Caucasus, and the Syrian, Arabian, and African deserts. On one of its frontier lines especially, that of the Rhine and Danube, there had long been going on a Romanizing process beyond the frontier among the German and Gothic tribes. These were semi-barbarians, of great vigor and valor, addicted to warfare and renowned for military prowess. It was among these tribes that the Roman legions of these frontiers were very largely

recruited, the interior populations of the empire having by long peace grown unaccustomed to war. A final element of deterioration was therefore the employment and settlement within the empire of enormous masses of barbarian troops and ultimately not only the legions



FIG. 51.—BASILICA OF ST. PAUL. Rome. Rebuilt 1828.
Old Church, Fourth Century.

themselves were thus recruited, but certain tribes were enrolled in mass under the Roman standards and subsequently settled on Roman territory. The tribes so enrolled were partly Romanized and were Christian converts.

It was at the close of the fifth century after Christ that all these various elements of disintegration showed their results in what historians call "the downfall of the Roman Empire of the West."

The Roman Christian Art.

There is not the slightest reason why the Christian pictures of the catacombs, and the sculptured Christian sarcophagi which are our main relics of early Christian art should not be formally included with the Roman art of the ancient Roman Empire. They belong to it in time and in civilization. They reflected and shared and partly caused its decadence and they assist us when so



FIG. 52.—EARLY CHRISTIAN SARCOPHAGUS RELIEF, THE RESURRECTION OF LAZARUS. Ravenna.

placed and studied to comprehend the continuity of history as existing between the late Roman Empire and the early Middle Age. There were two entire centuries after the recognition of Christianity by Constantine before the establishment of the first Germanic state in Western Europe, with which the history of

the Middle Ages should properly begin.* From the opening of the fourth century onward, there were Christian churches and there was Christian art in all the territories of the empire—in Britain, France, Spain, Italy, North Africa, Egypt, Syria, Asia Minor, the Danube countries, Macedonia, and Greece.

The oldest standing Christian Church is the Church of the Manger at Bethlehem, built in the early fourth century and traditionally reputed to stand on the site of Christ's nativity.† This is the only positively dated standing church of the fourth century A. D. There are some ruins in North Africa of older churches, but in general the persecutions made constructions definitely assigned to worship impossible, and these persecutions were not forbidden till the opening of the fourth century.

The most famous churches of this time were the Roman church basilicas of St. Peter and St. Paul, each reputed to be on the site of the martyrdom of its saint. The St. Peter's basilica was torn down in the sixteenth century to make way for the new church then built. The St. Paul's basilica was mainly destroyed by fire in our own century (1828), and has been since rebuilt, but one portion is ancient. In general we are dependent on churches of the sixth, seventh, or eighth centuries for our knowledge of the

*The State of the West Goths; at first confined to Northeast Spain.

†The three centuries which elapsed between the time when the first gospels were written and the period of Constantine, were times favorable to the growth of hastily accepted and unauthorized traditions as to the actual localities of the events described by them. The record of tradition in itself is, however, often as valid and authentic as that of writing. There is as little reason for hastily doubting as there is for hastily accepting these traditions. Probabilities, facts, and records have to be considered for each special case, and the tradition itself is always a noteworthy and interesting thing even when proven erroneous.

earlier ones, but these are also few in number. We should not the less insist on the fact that both the western and eastern portions of the Roman Empire



FIG. 53.—EARLY CHRISTIAN SARCOPHAGUS RELIEF.—CHRIST AND FOUR APOSTLES, Ravenna.

were full of Christian churches after the opening of the fourth century A. D.

The most interesting remains of early Christian art are the paintings of the catacombs. These were underground cemeteries to which the early Christians resorted for refuge in times of persecution. Small chapels for prayer and worship were occasionally associated with the burial places of eminent martyrs or saints and are the points at which these decorative paintings are found. The earliest known are probably of the second century A. D., and they continue through the eighth century. The style of these pictures is the same as that of the contemporary pagan art. The subjects of some of them are adaptations of pagan myths to a Christian use. In one of them Christ appears as Orpheus.

The catacomb pictures (paintings on the plastered walls) are small, but bright and happy in color and com-

bined with pattern ornaments of classic style.* The remains, however, are scanty and the number known is not large. The treatment of the subjects, the "Last Supper," the "Woman at the Well," etc., has an imposing simplicity and earnestness. The technical execution and perfection of these works vary with the period and, strangely enough, we have here the spectacle of a newborn art as to subject which declines in quality



FIG. 54.—EARLY CHRISTIAN SARCOPHAGUS RELIEF. DANIEL IN THE LIONS' DEN, Ravenna.

of style as time goes on. The third century art of the catacombs is inferior to that of the second century. This is one curious illustration of the general deterioration in ancient art whose causes have been considered.

* It is quite difficult to realize from photographs the true appearance of these frescoes. See Fig. 49.

The catacombs are variously named according to the most eminent saints who were buried in them.

Aside from these paintings the early remains of Christian art consist mainly of coffin sculptures. The sarcophagi carved in relief, which were used for burial by the later Romans, continued in Christian use and were likewise decorated with relief sculptures of Christian subjects. The most interesting collections of these sarcophagi are in the Lateran Museum at Rome, at Ravenna, and at Arles in Southern France. The practice of making these sculptured coffins disappeared with other late classic influences and was gradually abandoned after the fifth century A. D. It is a consideration which helps one to understand the decadence of ancient sculpture that in early Christian art its only important use was the decoration of the stone coffins, and that even this use was rapidly abandoned.

Of all the arts of design that which lasted longest and which survived in finest style was the carving of ivory. This was practiced for book covers and for the "diptychs" or tablets of ivory which were distributed by the consuls of the later empire in honor of their election to office.

It is obviously indifferent to the student in what material or how small and apparently insignificant the object is which illustrates the history or style of a period. Partly because the practice of this art was a favored one, partly because the ivory tablets did not offer the temptation to pillage in the times of the German invasions to which the works of metal were exposed, and partly because the ivory material has been a durable one—it is especially to the ivories that we must turn when we wish to find a survival of fair antique design at a late

period of the Roman decadence. The connecting links with the later art of the Middle Ages are consequently most obvious here and the way in which one period always merges into another without abrupt changes or sudden revolutions, is especially well illustrated by these objects.

A curious exception to the general law of inferior style and declining

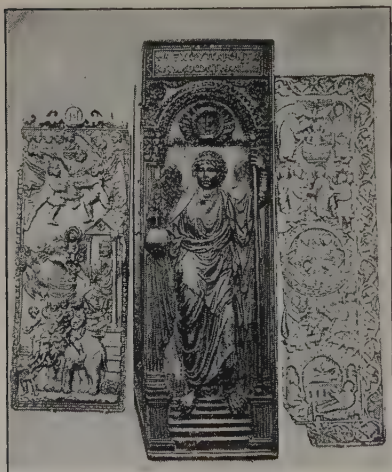


FIG. 55.—IVORY CONSULAR DIPTYCH.
VICTORY, WITH GLOBE AND SCEPTER.
Fourth Century.

force in the later Roman art is offered by the art of glass. As the practice of placing objects in the tombs generally disappeared with the Christian conversions, we cannot trace this art farther than the sixth century, but when its relics disappear the art was at a very high level of excellence.* The explanation is a commentary on the general conditions

which otherwise explain the decline of ancient design. Glass making was not an art in which figure designs, and consequently pagan subjects, could be generally introduced. Consequently it was not exposed to the antagonisms and destruction which befell the arts of temple architecture, of sculpture, of painting, and of metal.

* There is a piece of sixth century glass illustrating this point, in the New York Museum.

CHAPTER IX.

SUMMARY.

ACCORDING to the points of view laid down in this entire account of the Roman art, we may repeat and emphasize the following :

(a) A certain general deterioration of taste and style is visible as early as the second century A. D., although the Roman architecture was less visibly affected than other arts by this movement. This deterioration is most apparent in the provincial territories and reacted on the original and native centers. It became more visibly apparent in the third century, which was the last, in general, of a distinctly antique art ; although the survival of antique traits and style continued in Christian art long after this time.

(b) The decline and decadence of the antique art resulted partly from its wide diffusion over territories to which it was not originally native and from its transfer to populations which took and used it at secondhand. Partly, and very especially, it resulted from the spirit and influences of the Christian religion and its antagonism to the subjects and ideals of pagan art—for any attack on the basis and foundations of an art necessarily results in sapping its technical powers—practice and patronage being the necessary conditions of perfection. The decline of taste was again partly caused by the rise

of the lower orders of society, who were especially attached to the Christian faith, and by the overthrow in power and influence of the higher classes, which had remained attached to paganism. The decadence of art was again caused by the influences of exterior barbarism, which in the declining physical and moral forces of the empire became its military prop and material support.

(c) Roman art had originally the same general qualities and perfections, wherever found ; within the boundaries established by the ocean, by the Irish Channel, the highlands of Scotland, the Rhine, Danube, the Black Sea, and by the Syrian, Arabian, and African deserts. Throughout this area it represented the civilization of the peoples of the given countries at a given time, and essentially it did not represent the importation or intrusion of objects due to military conquest and foreign colonization or the erection of buildings by foreign and oppressive rulers. The "Romans" of the given time were all the freemen of all these countries.

(d) The two factors of Roman art and Roman civilization were originally the technical and industrial arts of the Oriental world as molded and transformed by Phœnician or Etruscan and Greek style and influences, and secondly the Greek civilization itself, as independently developed in all the territories east of Italy which subsequently became provinces of the empire, and which remained in civilization after that political change as they had been before.

(e) Among the countries of the Western Mediterranean, North Africa, Spain, and Southern France had experienced foreign civilizing influences through Phœnicians or Greeks, or both, before the Roman power

was established in them. The countries most distinctly colonized and civilized by the native Romans alone, after the time of Roman imperial power began, were Northern France, England, Southern and Western Germany, and Hungary.

(f) Roman art or civilization was that of the Italians at large who adopted the Latin language and became "Romans."

It follows from these points that the ruins and works of art of the city of Rome and of the Italian territory are representative for many other countries where the destruction of the monuments has been more complete. The ruins and remains of other countries are to be regarded conversely not so much as survivals of the individual objects and buildings themselves as indications of an entire and universal civilization for the given area. We have seen that the most perfect picture of the old Roman world as regards the ruins of buildings, is found to-day in the remote fringe of territory bordering on the Syrian desert, for the simple reason that here only the ruins have not been treated as quarries in later times. It will also be observed that we owe to the chance destruction of two individual towns by volcanic eruptions almost all the knowledge that we possess of the domestic life of entire centuries and of many different nations.

PART II.

MEDIEVAL ART.

PART II.—MEDIEVAL ART.

CHAPTER I.

THE PERIOD OF THE GERMAN INVASIONS.

WE MAY now return to our elementary summary of ancient European history (p. 9) for a conception of the life of the countries of Northern Europe before the influence of Roman history began to reach them. What holds broadly for Italy at one date holds broadly and successively for the Germanic or Celtic races at another and a later date.

In the main the history of the art of the Middle Ages is the history of civilization in the Germanic or Germanized countries of Europe, with the all-important modifications carried by the Christian religion.

At the close of the fourth century A. D. an invasion of Mongolian tribes from Asia flooded the territory north of the Black Sea and crowded against the Gothic (German) tribes who were settled north of the lower Danube. These were themselves emigrants from Scandinavia, whose appearance in Southern Europe a century before had crowded other German tribes against the Rhine frontiers and had consequently been the cause of ceaseless warfare for the Roman legions who were there

posted. At the appearance of the Mongolian Huns the Goths first menaced by them (at this date Roman Christians) begged permission to pass the Danube frontier, and this was granted. These Visigoths (West-Goths) were subsequently taken into Roman pay as mercenary warriors, were then employed in warfare between rival Roman emperors, and were finally settled in Northeastern Spain where they founded the Visigothic kingdom (412 A. D.), which spread over most of Spain and over Southwestern France.

Meantime other German tribes had been pushed by the Huns across the Rhine (406). The Roman emperors of Western Europe* had now become so dependent on the foreign troops that one of their chieftains (Odoacer) himself took the title of King of Italy in 476; although he professed nominal allegiance to the eastern emperor and considered himself as his military deputy. After and before this time, during the century and a half between 400 and 550 A. D., there was a chaos of contending armies and a general *melée* between the German tribes and the Roman civilization of the West, in which the Christian faith of both parties, and the German habit of serving nominally or actually as Roman soldiers did much to soften and mitigate the horrors of war and the sufferings of the vanquished party.

The general result of these invasions was by no means the extermination or even conquest (in an odious sense) of the old Romanized populations of Italy, Spain, and

* As the title of emperor corresponded to that of general-in-chief, it had been customary since Diocletian's time (300 A. D.) on account of the constant pressure on the frontiers (of Persia as well as of Germany) to divide the imperial power between generals (emperors) of the East and West. These were frequently rivals and engaged in civil wars which much weakened the state.

France ; among whom so many Germanic people now became settled. But the general result was most distinctly a great depression or absolute cessation of commercial prosperity, a general impoverishment of the refined and cultured classes, and the elevation to power of rude and illiterate military chieftains whose equally uncultivated warriors became the great landowners and the



FIG. 56—ANGLO-SAXON WHALEBONE CASKET. Northumberland.

ruling caste of Europe. Learning took refuge in the church. The clergy were the only power which could cope with the rough characters of the military caste.

The Germanic settlers were sincere although superstitious and illiterate Christians, and the old Roman rule continued in this spiritual guise. Bishops and priests were the successors of the emperors and consuls.

The Anglo-Saxon states of England (founded after 449) were the only ones which were not Christian at the time of foundation and England was the only country in which the actual displacement, or comparative extermination, of one race by another was the result of the invasions. These involved, for the time being, an utter downfall of the old Roman and Christian civilization of Britain, whose fate was much harder than that of any other Roman country. During the sixth century the Germanic Frankish state, from which modern France is named, gathered power in this country and in Germany. In Italy the half-century rule of the Germanic East Goths was succeeded by that of the Germanic Lombards. Here also the power of the East-Roman emperor was again permanently established over certain coast territories, including the city of Rome, but was especially powerful at Ravenna and in neighboring territory on the upper Adriatic coast of Italy.

All these political and social changes point to and explain a culmination of the art decadence and a long period of at least apparent barbarism in the civilization and art of Western Europe. There are some main things to be said on the general question of the culture of this time down to the Italian Renaissance and the beginnings of modern history.

The Germans before the invasions were by no means a barbaric or savage people, but the warfare, pillage, and marauding of the warrior caste lowered their morals when their homes became unsettled. As Northerners and as Germans, unused to the luxuries and refinements of Roman life and the climate of southern countries, their manners became more lax and their natures were deteriorated after the invasions; as is

always the case when a ruder people is thrown into contact with one more highly civilized. There is then an undeniable element of semi-barbarism in the culture and therefore in the art of the earlier Middle Ages.

Moreover, there were successive setbacks involved in



FIG. 57.—TENTH CENTURY WALL PAINTING. THE ANNUNCIATION. San Clemente, Rome.

the leavening of still other uncultivated tribes or nations after the process had been accomplished for some. The progress which had been made in France between the sixth and ninth centuries was again arrested by the Northmen raids from Scandinavia in the ninth and tenth centuries. The Danes in England were the same people under another name and did the same injury here. After the Danes and Northmen had been worked over into the medieval system the same process had to be repeated with the Hungarians of Eastern Europe (barbarian settlers from Asia in the tenth century), with the Slavonic populations of Eastern Europe, and with

the native inhabitants of Denmark, Norway, and Sweden. These successive and repeated contests of dawning civilization with new races and new difficulties absorbed much of the energy of the medieval populations and retarded the progress of those which had been first Romanized.

Of the entire Middle Ages, however, it must be said, that much which appears to us barbarous in their design is merely the result of the early Christian prejudice against the study of natural form and of the early



FIG. 58.—CARVED IVORY BOOK COVERS.
SAINTS OR APOSTLES. Ravenna.
Tenth Century.

Christian indifference to natural beauty. The learner could not rise above his teacher in such a matter because he had otherwise too much to learn, and the Germanic states of Europe long accepted the style of the Roman decadence with the same unquestion-

ing faith which they professed in their new religion. It was in fact entirely religious art which they practiced and this was naturally a borrowed art. In our own times design is taught for its own sake and for the sake of imitating nature. As the imitation of nature was not the object of the medieval art, which only aimed at religious instruction or expression of religious sentiment, there was less attention to the question of nature.

The ugliest and most barbaric designs of the period become intensely interesting when we view them as

historic monuments and as traditional types. The subject and its meaning are always to be considered first and the execution second. From the subject we learn what interested the people, how great was their faith, and how this faith was expressed in every possible visible way which was open to them.

CHAPTER II.

THE BYZANTINE ART.

IT IS not till the eleventh century that we see spontaneous efforts at improved design in Western Europe, and for that date the existing monuments of such spontaneous efforts are quite rare—for instance, the bronze cathedral doors made under direction of Bishop Bernard of Hildesheim. Meantime we see either survivals of the old classic decadence, as represented by some of the sarcophagi of Ravenna (Figs. 53, 54); or efforts of more or less untrained barbarism or ignorance (Figs. 56, 57); or what is known as the “Byzantine” style. This last was native to Eastern Europe and the Roman territories of the Eastern Mediterranean, but is found in widespread examples also in all parts of Western Europe.

It should be explained that these three classes of art works are not to be conceived as existing at one time in one territory. The coexistence of the Byzantine style with semi-barbaric art is to be expected. The coexistence of the survival of the older classic decadence (Fig. 54) with the Byzantine style is also to be expected. But the classic decadence survival will, generally speaking, exclude the barbaric art and for obvious reasons. Being a survival it is confined to certain localities which for one reason or another had escaped the



FIG. 59.—CHURCH OF ST. MARK. VESTIBULE WITH MOSAICS. Venice.

more overwhelming devastations of the invasions. Arles (in Southern France), Rome, and Ravenna, are the places where this style is best represented and it scarcely survived the sixth century. Otherwise we find its examples, and some peculiarly fine ones, in ivories, and for the reason that this art was much practiced and consequently preserved a higher traditional standard of excellence.

The Byzantine style is naturally found coexistent with the semi-barbaric art because it represented the intrusive art of imported Byzantine workmen or was itself actually imported. We also find various stages of imitation of the Byzantine style, so that there are all possible transitions between a wholly clumsy untrained early medieval effort and a highly finished product of the pure Byzantine style (Figs. 56, 58, 60).

We shall now consider this style somewhat more closely. As regards its name we observe that Byzantium was the older title of the Greek colony on the Bosphorus, whose site was selected by the Emperor Constantine in the fourth century for the new capital of his empire. As to all the reasons which inspired Constantine in this transfer of the seat of the capital from Rome we are not clear, but the most important one is obvious. As the residence of the emperor (who was always a military man and commander in chief of the army above everything else) Byzantium was halfway between the two frontiers which were most in danger in the fourth century, viz., the lower Danube and the upper Euphrates. Although this capital has always been known as Constantinople since the time of Constantine—the adjective “Byzantine” (probably for reasons of euphony as preferable to “Constantinopolitan”) has always been applied by moderns to the empire whose sole capital it

became after the German tribes founded their new states in the Western Empire. The Byzantine Empire is simply therefore the Roman Empire under a new name, which name is applied to it for the period after the German invasions and is therefore to be understood as meaning the empire bereft of those territories which became the Germanic states of the Middle Ages. As the Ottoman Turks conquered, in the fourteenth, fifteenth, and sixteenth centuries, all the countries of the Byzantine Empire, a map of Turkey in Europe and Turkey in Asia in its widest extent (and before recent nineteenth century losses) will give a fair idea of its territories. In its most flourishing period, which was the time of the Emperor Justinian (sixth century), it included for a short time also the whole of Italy, and it retained possession of Ravenna and the "exarchate of Ravenna" until the close of the eighth century. It also ruled in Justinian's time the whole of North Africa. This territory, together with Egypt and Syria, was lost to the Arabs in the seventh century. The empire lasted in Asia Minor till the fourteenth century, and in Eastern Europe till the fifteenth century (1453).

These political facts are essential to the comprehension of the influence of Byzantine art in Western Europe and of the long-continued duration of this influence.

The peculiar style of Byzantine design is shown by a number of illustrations (Figs. 60-64), which are, however, highly unfair to it where color is concerned, and that is to say in the case of all mosaics. The evolution of this style from the earlier classic art of the Roman-Greek eastern countries, is not represented by existing monuments. We find it in the sixth century fully developed, and the transition stages are not well known to us.



FIG. 60.—BYZANTINE MOSAIC. St. Mark's, Venice.

It is clearly a style which grew out of traditional repetition of set designs,—pictures of saints, Bible stories, etc.,—without the least reference to correction by observation of natural forms, and this indifference to nature has been explained as an element of the early Christian movement (p. 78). The figures are unnaturally elongated, the attitudes are formal and motionless, the expressions are rigid, conventional, and lifeless. The technical execution is frequently or generally of finished perfection for the given material.

Mosaics.

Aside from architecture itself, the best efforts of Byzantine art were devoted to church decoration and especially to decoration in glass mosaics. It is here that the East Romans succeeded best and that their art, for the given purpose, was entirely adequate. In this art also, their own workmen were sought for in all other countries, and through this art their influence is most apparent and was most felt in Western Europe.

There is only one church in the world whose whole interior is now visible in the mosaic decorations of its ancient time. This is the church of St. Mark at Venice, begun in the tenth century, which is also the tomb and shrine of the (supposed) body of the saint, which was brought at that time from Alexandria, in Egypt. The mosaics are not all of the date of the church and some have been considerably restored, but the general effect corresponds to what it has always been. The backgrounds of the glass mosaics are invariably gold,* the other colors are brilliant or warm in tone

* In the developed Byzantine style. A blue background was used in the very early Christian mosaics.

and beautifully harmonized and contrasted. The formalism of the designs assists the color effects and is largely essential to them. This is because colors are more effective when boldly opposed and contrasted with one another—and less effective when connected by shaded transitions or modified tints. When colors are directly contrasted there must be a boundary between them, that is to say a formal line. That these outlines may be beautiful and in a sense natural is true, and the



FIG. 61.—BYZANTINE MOSAIC. PROCESSION OF SAINTS.
San Apollinare Nuovo, Ravenna. Sixth Century.

Greeks so understood the art of decorating with figures, but it is also true that *as far as color results are concerned* the beauty of the form is a matter of indifference. This appears in the fine color effects of many Oriental designs whose forms are stiff and unnatural. It is when we study the mosaics in their architectural position and in their decorative color results that the peculiar Byzantine style is seen at its best and for the given use and

place it then seems absolutely perfect—from a decorative point of view.

For some reasons the mosaics of the Ravenna churches are superior to those first mentioned. The fifth and sixth centuries did best in this art, and those of St. Mark's are too late in time to represent the best works as regards composition and detail. It is in the preservation of the color effect of an entire interior that St. Mark's stands foremost and alone. At Ravenna, San Apollinare Nuovo exhibits an interior whose side walls are still entirely covered with mosaics of the sixth century, the only existing church of the basilica type in the world which can claim this distinction. The main wall surfaces show processions of saints issuing from the cities of Ravenna and Jerusalem and terminating with an Adoration of the Magi and a group of angels with the Madonna and infant Savior. The church of San Apollinare in Classe, at Ravenna (sixth century), has preserved the mosaic of its apse, or choir, dating a century later than the church, a picture of Christ as the Good Shepherd with



FIG. 62.—BYZANTINE MOSAIC DETAIL.
HEAD OF THE EMPRESS THEODORA.
San Vitale, Ravenna.
Sixth Century.

his flock. In the tomb chapel of Galla Placidia, at Ravenna, there is a fine mosaic of the fifth century, Christ as the Good Shepherd. In the church of San Vitale, at Ravenna, are the famous mosaic portraits of the Emperor Justinian and his Empress Theodora, surrounded respectively by courtiers and ladies of the court (Fig. 62).

The mosaics of the ancient Roman churches are generally of inferior quality or preservation, but the apse mosaic of the church of Santi Cosmo and Damiano on the Roman Forum, has a sixth century mosaic of the Savior as Judge, in colossal proportions, which is the grandest existing work of early Christian art. The church of Saint Sophia at Constantinople (now a mosque) has mosaics entirely filling its dome, but these have been whitewashed by the Turks and are not visible.

Aside from the cities or churches mentioned, remains of early church mosaics are almost unknown, although there were once many of them in Europe. The art declined rapidly after the tenth and eleventh centuries.

The causes of this decline were especially the independent developments of native talent in Western Europe after this date and the abandonment of the habit of employing the Byzantine workmen who were familiar with the art. Fresco paintings then took the place of mosaics both in Northern and Southern Europe, and almost nothing was attempted in this line in Italy after the beginning of the fourteenth century, and the rise of the school of wall painting headed by Giotto. Survivals of the art at a later date, as, for instance, in the decorations of St. Peter's in the seventeenth century, do not remotely compare in effect with the Byzantine works, as they were imitations of the style of the oil

paintings of the same date. A realistic pictorial style is inconsistent with the conditions of wall decoration because the shadings and transitions of color prevent contrast and the objects taken in mass, being too numerous and too much detailed, lose the necessary effects of



FIG. 63.—BYZANTINE MOSAIC. THE DAY OF PENTECOST.
Tomb of Galla Placidia, Ravenna. Fifth Century.

dimension, simplicity, and balance. In mosaic there is the farther necessary and natural limitation inherent in the coarse material and in the size of the individual cubes of which the picture was composed. No effort was made in the Byzantine style to refine the picture beyond the natural limitations of the material used and this is their great decorative merit. Fig. 62 illustrates this frank exhibition of the material.

There is no doubt, however, that the stiffness, rigidity,

and formalism of Byzantine art were exaggerated and perpetuated by the methods of the mosaic style, which subsequently reacted on the minor arts. Byzantine oil paintings are often obvious imitations of the mosaic style (Fig. 64).

It is from this point of view therefore that the topic of Byzantine painting is best approached. The subjects were invariably religious and treated traditionally. The illustration represents the type of panel pictures which were general in Italy until the fourteenth century. The art of the Greek church in Eastern Mediterranean countries has perpetuated this style down to the present century. It still survives also in Russia, which obtained its civilization, art, and religion from the Byzantine state. Sculpture, as practiced for life-size figures, was almost absolutely unknown to Byzantine art, which



FIG. 64.—BYZANTINE MADONNA OF A TYPE COMMON IN ITALY.

shared the helplessness and incapacity of all early Christian times in this sense. But there was also at one period of Byzantine history a movement in the Greek church which was headed and promoted by certain emperors (the iconoclasts, or image-breakers) which antagonized the use of images in churches, paintings included. As a theory enforced by law or religious zeal the iconoclast movement was not lasting; but, in matter of fact, the Byzantine art only practiced sculpture of the human figure in exceptional cases.

It is mainly in relief carvings, which approximate to pictorial art, that the art of sculpture is found—in wood

carving, in ivory carving, and in worked metal. These materials were variously employed for caskets, especially reliquaries, shrines, altars, book covers, triptychs, etc. The triptychs were small altars with folding panels or wings, used for private devotion.

The foregoing historical accounts of the German invasions and Germanic states, of the Byzantine Empire, and of the general conditions of civilization in Eastern and Western Europe, as assisted by the illustrations, will give a fair idea of the medieval art of design between the fifth and the eleventh centuries (500–1000 A. D.). No general account of this time would, however, be complete, which did not emphasize the importance of Irish civilization and of the influence of the Irish monks in England, France, and Germany. During the invasions Ireland became the refuge of the art and learning of Western Europe ; for this island escaped the terrors of invasion and consequently became a center for the diffusion of later civilization in Europe, only second in importance to the Byzantine Empire. Otherwise, it may be said of this period that the forces of civilization in Western Europe were weakest in Italy, because the ruin of the old culture was most sensibly felt there and that they were strongest (outside of Ireland) in the Frankish state, which finally rose to a territorial power under the Emperor Charlemagne (ninth century) which reached to the Elbe, to the borders of Bohemia and Hungary in Germany, to the Ebro in Spain, and which included the greater part of Italy.

CHAPTER III.

EARLY CHRISTIAN ARCHITECTURE.

WE HAVE so far left unconsidered the most interesting and the most important department of the art history of the early Middle Ages, viz. : its architecture. There are no remains of any buildings in Northern Europe, preceding the Roman period, unless the open-air temple inclosures of the older Celtic time, like Stonehenge on Salisbury plain in England, should be considered as buildings. We have seen what monuments of architecture were universal in certain European countries under the empire, and we have seen that two centuries of church building had passed away in direct development from the Roman classic art before the downfall of the Roman Empire in the west.

The changes in architectural style which are apparent after the triumph of Christianity in the empire were not less marked than those which affected the arts of design. It is true that we can hardly point to a surviving church in Northern Europe of earlier date than the eleventh century. Crypts (underground chapels) or small portions of churches built into later ones are occasionally met with. The chapel built by Charlemagne at Aix-la-Chapelle in Germany, now a portion of the later cathedral, and one or two oratories (small churches) in Ireland are among the rare excep-

tions. But certain surviving churches of Italy enable us to picture the general style and arrangements of buildings which have disappeared.

Aside from the Church of the Manger at Bethlehem and, possibly, the Dome of the Rock at Jerusalem, now known as the Mosque of Omar, whose date is not absolutely certain, our references for churches between the fourth and ninth centuries, inclusive, are mainly confined to Rome and Ravenna. The chief exception is



FIG. 65.—SAN LORENZO. Rome. Sixth Century.

the most important building of all, the Church of St. Sophia at Constantinople, which has been a mosque since the Turkish conquest of 1453. There are also interesting ruins of ancient churches in Armenia, in Northern Syria, and in the East Jordan country.

As regards the ancient surviving churches of Rome it must be said that those which have preserved their old appearance are comparatively unimportant in respect to size or decorative details. Others of larger size and greater fame have been so transformed by the restorations, rebuilding, and would-be improvements of later



FIG. 66.—SAN APOLLINARE NUOVO. Ravenna. Sixth Century.

date that they have absolutely no value as archæologic references.

It is in Ravenna that the most interesting survivals of the early Christian buildings of Europe are preserved. This town, which is situated on the upper Adriatic shore of Italy, is surrounded by a swampy territory which has

tended to isolate it from the commerce and intercourse of later times. It has been a poor city, without enterprise, and consequently without the wealth which in other quarters has inspired the destruction of the ancient buildings, either by reconstructions and restorations of them or by actual displacement in favor of new ones.



FIG. 67.—SAN APOLLINARE IN CLASSE. Ravenna. Sixth Century.

It is significant of this general law that the cathedral church of Ravenna is a modern building, but the "improvement" of Ravenna, fortunately for the history of art, stopped here. The situation which in later times has made Ravenna poor was once the cause of her prosperity. In the convulsions of the fifth century, when the western emperors had successively abandoned

Rome and Milan as their capitals, Ravenna was chosen as their final post of refuge and defense and consequently became an important connecting link with East Rome and with Byzantine art and civilization. In the early sixth century it was the seat of the Ostro-Gothic Empire of Theodoric the Great, and in the later sixth century it was the capital of Justinian's rule in Italy. Ravenna then became the head of that "exarchate of Ravenna" whose territories continued Byzantine until the time of the Frankish king, Pepin, the father of Charlemagne. Pepin gave them to the popes and thus founded the "States of the Church" and the papal temporal power.

There are three Ravenna churches of the sixth century which are especially important buildings for the history of art—San Apollinare Nuovo, San Apollinare in Classe, and San Vitale. Some of their mosaics have been already mentioned (Figs. 61, 62). We will, however, not consider these buildings in detail aside from a general account of the system of other churches which they have survived to illustrate.

There were two distinct types of churches in use during the centuries before the Romanesque cathedrals, whose history begins after the year 1000 A. D. One was a continuation of the type of the Roman business exchange, or basilica (p. 55); the other was a continuation of the type of the great domed apartments of the Roman baths (p. 53). The former is the type which developed into the later medieval cathedrals, and on this account may be given the first notice.

It is in the plan of these buildings rather than in their details or style of ornament that the Roman system survived. We have one ancient building in Rome, the Triumphal Arch of Constantine, which shows that the

Roman system of engaged exterior classic columns and entablatures was used in Italy in the fourth century, but there are no Christian churches which show any survivals of this system of ornament. Their exterior walls are of plain masonry, broken only by windows and occasionally relieved by blind arcades.*

The particular constructive system of the pagan Roman basilicas which was continued by the Christian churches was not like that of the Basilica of Constantine (Fig. 32), one of vaulted ceilings of masonry or concrete. The church basilicas were timber roofed. This is one of the important points in which they differ from the typical Romanesque cathedrals, which were vaulted. Such a timber-roofed basilica, whose broken columns are one of the ruins of Rome, was the one built by the Roman Emperor Trajan.

The ground plan of a Roman basilica was oblong and rectangular, with longitudinal divisions into a central



FIG. 68.—SAN APOLLINARE NUOVO.
Ravenna. Sixth Century.

* Blind arcades are simulated arches with simulated narrow pier supports. These admit elsewhere of a slighter, thinner wall construction. See Fig. 69.

nave and side aisles and terminating in a semicircular apse, or large niche, facing the entrance. This apse was the seat of the Roman magistrate and was allotted with the adjacent portion of the building to the uses of a court of justice. It was parted from the rest of the



FIG. 60.—SAN APOLLINARE IN CLASSE. Ravenna. Sixth Century.

building by a transverse row of columns. These columns are not found in the church basilicas, which devoted this part of the building to the altar, to the officiating clergy, and to the bishop. In the times of the invasions

the bishop of the city took the place of the earlier Roman magistrate in many senses and there was a certain continuity of history in this arrangement.

The apse is thus the origin of the choir of the cathedral, which finally reached enormous dimensions in the period of the Gothic.

The division of the nave and aisles is also one of great importance in the plan of the later cathedrals. This results from the higher elevation of the nave as arranged for the convenience of lighting the structure from above; for it is the supports of the nave which constitute the division. The arrangement is additionally explained by its convenience for roofing wide structures with timber beams.

If it be asked why the plan of a business exchange was adopted for churches, we can only answer that the pagan basilicas were places of large public concourse, such as were also needed in Christian worship; whereas the temples of antiquity were shrines for statues and not intended for large gatherings. The dimensions of the antique temple were much increased by the exterior porticoes, but the interiors were not generally of large dimensions. It was therefore the interior dimensions of the basilica which caused its plan to be chosen for churches.

The supporting system of the church basilicas is one which was only known in very late Roman buildings and there is only one Roman ruin in Europe which now exhibits it—the palace of Diocletian at Spalatro. The supports were *columns* connected with *arches*. In ancient Roman use arches were supported by *piers*, built of aggregated masonry, and the columns and entablatures were ornamental surface additions (Figs. 14, 18, 33).

Columns, when used in actual construction, always supported the straight stone beam, or lintel (Figs. 27, 28, 31), as was the method of the Greeks.

The use of the column and the arch to support the walls of the nave (Figs. 66, 67) is not absolutely universal in the ancient churches. One or two of the earlier churches of Rome employ the straight beam,



FIG. 70.—SAN VITALE. Ravenna.
Sixth Century.

as does also the Church of the Manger at Bethlehem, but the beams are not detailed in the architrave and frieze divisions of the classic entablature. In these exceptional uses of the lintel we note a survival of antique traditions, which soon yielded

to the new system and absolutely disappeared. The construction of arches and columns was ultimately abandoned in the Romanesque and Gothic systems for *arches* and *piers*. Thus we emphasize the use of the arch and column and the use of the timber ceiling as important points of distinction between the system of the later cathedrals and the system of the basilicas.

Finally, the origin of the word "basilica" and its transfer to Christian churches are matters of interest. As derived from the Greek word *basileus* (king), the word basilica (royal house), was a fitting designation for a church, though not apparently for a business exchange. It was first used in Athens and was there applied to a

public building which had been named after one of the archons, or elective officers, who retained the title of *basileus*, after the abolition of the monarchy, an event antedating any records of ancient Athenian history. His office was judicial.

The bell tower of the early churches was a distinct structure (Figs. 68, 69). It was subsequently attached to the building in the Romanesque period and was often doubled or quadrupled. It then developed into the Gothic tower or spire and so into the modern steeple. Throughout the Middle Ages in Italy, however, the bell tower was generally a separate structure.

CHAPTER IV.

THE DOME CHURCHES.

THE important early surviving illustrations of the dome churches are the chapel built by Charlemagne, already mentioned (p. 112), the church of St. Mark at Venice (p. 105, Fig. 59), the church of San Vitale at Ravenna (Fig. 70), the church of St. Sophia at Constantinople, and possibly the "Dome of the Rock," or Mosque of Omar, at Jerusalem. It was the theory of the English architect, Fergusson, that this building was a Christian church of the fourth century, built over the supposed site of the Holy Sepulcher.* The present dome, the exterior decoration of porcelain tiles, and the inserted pointed-arch windows are Arab reconstructions. The Arian Baptistery at Ravenna (fifth century) and the Baptistery of St. John Lateran at Rome (fifth century) are smaller buildings of the same general type.

Among the buildings named and illustrated those are most obviously available as indications of the type which are most obviously of a radiating plan. The domed ceiling was naturally used for such a building and herein lies the distinction as compared with the long perspective view of the basilicas. It was from the great domed apartments of the Roman baths that this plan of

* The site of the Holy Sepulcher is not supposed by any critic to be that of the present church of the name.

construction was adopted and even their name was retained. They were called "baptisteries," that is to say, baths; and the title of baptistery, or bath, survived as applied to the churches copied from them.

The name and plan subsequently became distinctive



FIG. 71.—ST. SOPHIA. Constantinople. Sixth Century.

in Italy for a building specially designed and used for baptisms, which were always by immersion in the early church. Each Italian city of the Middle Ages possessed one of these buildings which we must carefully distinguish from the baptistery *churches*. These were generally abandoned in Western Europe after the beginning of the Romanesque period.

By its grand dimensions and grand interior effect the church of St. Sophia at Constantinople surpasses all

other buildings of its time and most of those which have followed it. It was built in the sixth century by the Emperor Justinian. The height of the main dome from the floor is one hundred and seventy-seven feet, its diameter is one hundred and six feet.

It is probable that the dome was more commonly employed in earlier Oriental buildings than the actual remains would visibly indicate, and this view has been recently much advocated by experts of distinction. According to this view the Roman use of the dome would go back to Mesopotamian originals, which continued its use in their earlier home down to and after the Byzantine period. There is no doubt that Byzantine architecture especially affected the dome, and that in Western Europe its use was continued by that influence. As visible reminder of the antique originals of the form we are confined to the Pantheon at Rome, which must rank with the church of St. Sophia, as one of the two finest dome constructions of the entire world. The merit of these buildings as compared with later ones which have used the dome, like St. Peter's at Rome, St. Paul's in London, or the Cathedral of Florence, is that the interior effect is immeasurably superior, because the domed apartment itself constitutes the whole interior. To place a dome *above* a portion of a cathedral, as done in the cases just mentioned, may or may not add to the exterior effect in adequate proportion to the expense and effort necessary in the cases named, but the dome is lost for an *interior* which is not distinctly planned for it. The Pisa Cathedral is by far the finest instance of a building using the dome in combination with the oblong cathedral plan, because its modest proportions do not antagonize the main plan.

CHAPTER V.

BYZANTINE DETAILS* AND ORNAMENTAL SYSTEM.

IN THE early Middle Ages the classic buildings were plundered for their columns and capitals as long as any could be found. It is pure chance or the inexhaustible supply of ruins in certain instances (like the city of Rome, where very little building moreover was done in the later Middle Ages) that has left us any ruins at all. The piecemeal adaptation of the old material to new uses is found in many places. Besides these direct adaptations of classic forms new ones were designed in more or less original departures from them. Capitals which clearly go back to Corinthian or Ionic originals are found as late as the twelfth century. All of these had Byzantine prototypes. There is, however, a distinctive form of Byzantine capital, the cube form, expanding from the neck of the column to an intermediate supporting member (which took the place of the ancient abacus), which has many beautiful variants. The surface ornaments of these capitals, like other ornamental Byzantine details, are simplified evolutions from the classic scrolls, spirals, acanthus leaves, and trefoils, which they frequently also repeat in very obvious derivative forms. There are many beautiful Byzan-

* The word "detail" is applied in architectural use to any ornamental pattern and especially to architectural carved ornament.

tine capitals in Ravenna, in Venice (St. Mark's), and in Constantinople. The later Romanesque churches continued many of their forms and details. The true artistic genius of the Byzantine art is nowhere so immediately obvious as in its architectural ornament. Its study is moreover important as leading to the comprehension of the arabesque (or Moresque) patterns, which were originally based upon and derived from it.

Aside from decorative sculptured, or stuccoed, details the Byzantine churches employed a system of marble paneling, in which the slabs, as sawn into thin pieces, were so fitted together as to form a series of symmetrical patterns from the veining of the marble. St. Mark's at Venice and the St. Sophia church at Constantinople show the finest examples of this work. When we add

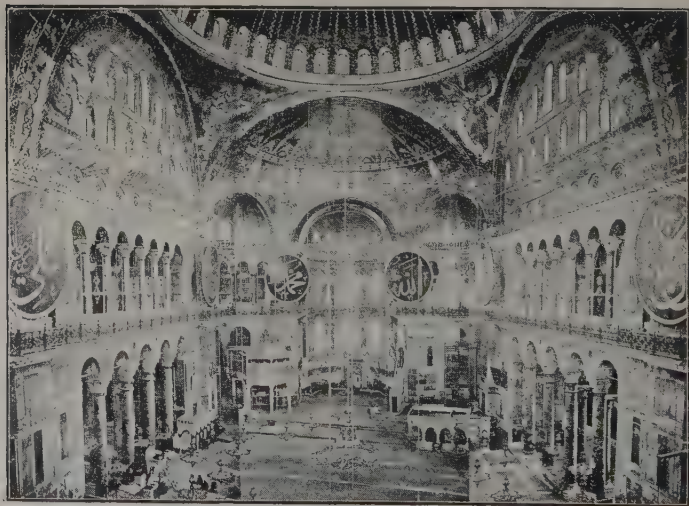
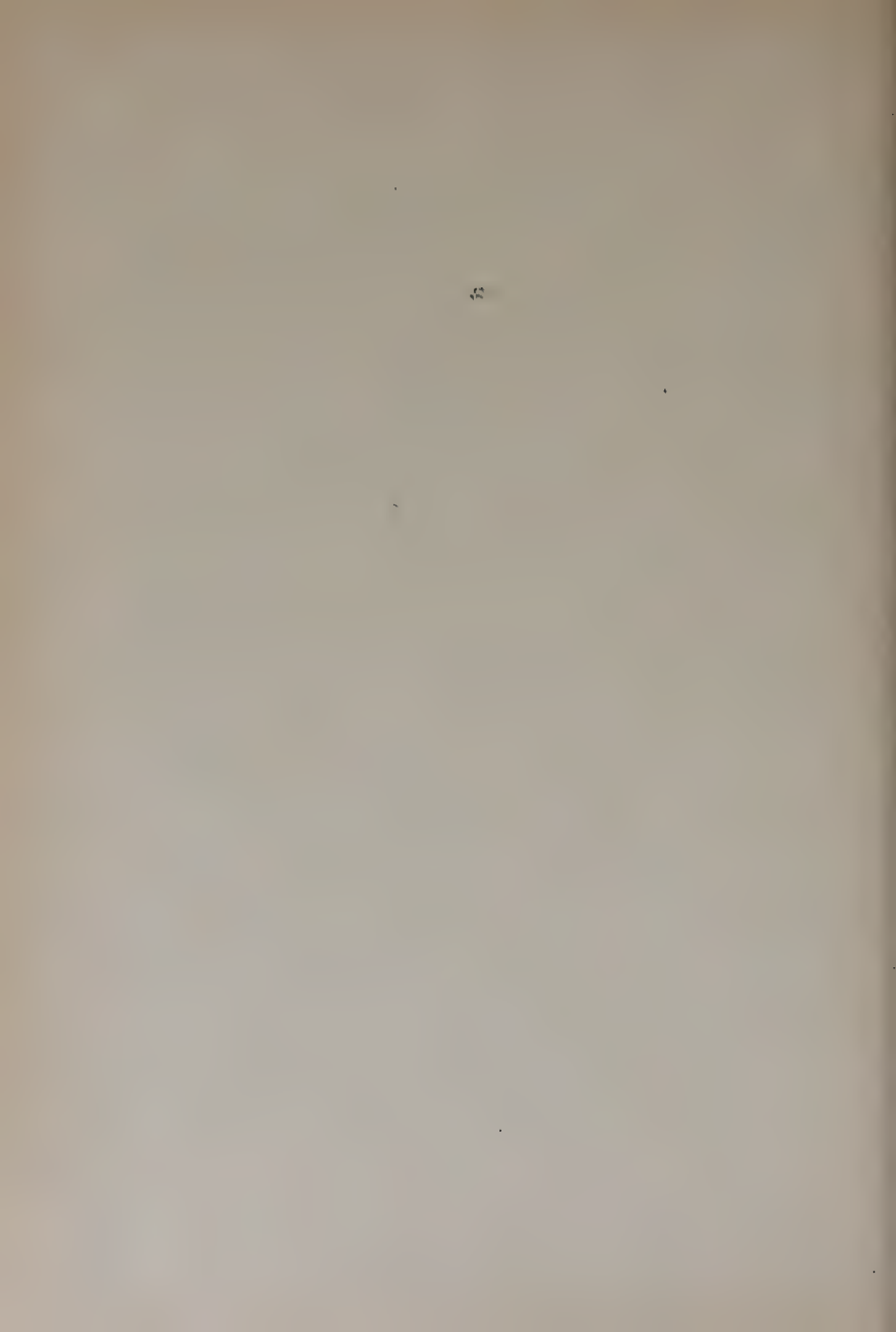


FIG. 72.—ST. SOPHIA, Constantinople.



BYZANTINE WELL, VENICE.



the effect of the colored mosaic decorations already described, it is clear that Byzantine architecture was a glorious and artistic creation. The peculiar failings and limitations of the figure design, when compared with the perfection of Byzantine decorative art, thus appear more clearly to be due to general historic causes and are certainly not due to any element of barbarism or natural ignorance, for we know in many ways that the East Roman civilization was of a highly refined and elaborated character.

As regards Western Europe in general it will be understood that the models furnished by Ravenna and by Venice are by no means types of an equal perfection elsewhere. These cities were distinctly connected with Byzantine civilization; one by government and the other by commerce. The meaner and more carelessly built existing ancient churches of Rome would be better examples of what was done habitually in most parts of western Christendom between the fifth and eleventh centuries.

CHAPTER VI.

MOHAMMEDAN ART.

AS FAR as Europe was concerned before the fifteenth century, when the Turkish invasion overran its eastern countries, Mohammedan art was confined to Spain and Sicily. The Moors were, however, not expelled from Granada till 1492 and meantime their art had considerably influenced the Spanish Gothic.

The Crusaders were brought in contact with the art of Syria and Egypt when the Arabs and Turks were masters of these countries and by way of Sicily also the Arab art had influence on Southern Italy. Some slight mention of it is a proper appendix to any history of Byzantine art.

It was in the seventh century that the Arabian world, under the influence of the teachings of Mohammed, began its career of foreign conquest. Of Arab art before this time we know at present nothing. It was in the East Roman provinces of Syria, Egypt, and North Africa, then conquered, that the earliest Mohammedan art developed from the Byzantine. The mosques were frequently Christian churches transformed to this use or were sometimes copied from them. The Mosque of Omar at Jerusalem is reputed to be of the former class. The El Aksa Mosque at Jerusalem is known to be of the latter.



CAPITALS AND ARABESQUES FROM THE ALHAMBRA.

In later days the Turks, who became the military force of the Arabs and then converts to their Arab faith, and subsequently became the political masters of their



FIG. 73.—MOSQUE EL AKSA. Jerusalem.

former lords, not only converted the St. Sophia Church to their own worship but also built the later mosques of Constantinople on modifications of its plan. It was especially the Byzantine art of Egypt which gave the first impulse to the Arab. In Cairo, where we find, aside from Damascus and Jerusalem, the most accessible illustrations of the early Mohammedan mosques, an open court surrounded by arcades was the plan first generally adopted. Dome buildings surmounting a cruciform plan were at a later day the ruling type.

In these constructions and in their ornament the

fanciful and imaginative nature of Arab art wandered widely from Byzantine types; but in the elements of construction and in the elements of ornament the original forms are obvious. Columns and capitals were often plundered from Byzantine buildings and rarely are devoid of Byzantine reminiscence. The well-known



FIG. 74.—MOHAMMEDAN DOME AND DOME OF THE ROCK, Jerusalem.

law of Mohammed forbidding imitations of human or animal form in art found no obvious violations in the scrolls and trefoils of the East Roman decorative system. These were the originals of most of the patterns known as the "arabesque." A distinctive form of ornament

is however the complicated and intricate linear system which has such beautiful examples in the wood carvings of latticed windows and on surface panels. It is said that all the decorative works of the Arabs in Egypt were mainly executed by the Copts, the native Christian inhabitants of the country, and it has been suggested that the initiative here was also thus derived. There is no doubt that Byzantine Egypt was the first important art school of the Arabs.

The minaret, or tower from which the worshiper was summoned to his prayers, was also an original architectural form.

By way of North Africa and the straits of Gibraltar the Arabs invaded Spain at the opening of the eighth

century, and for a time became masters of nearly the entire country. Their first onset carried them as far as Southern France. The Moors of North Africa were their converts and attendants and there is little distinction to be drawn in Spain between them. As ultimately confined to the province of Granada the Arab culture has left its most famous monument in the palace of the Alhambra (thirteenth and fourteenth centuries). The great Mosque of Cordova, the Alcazar of Seville, and the great tower (minaret) known as the Giralda, in Seville, are otherwise the most quoted survivals of their Spanish architecture.

Aside from their new developments of surface ornament the originality of the Arab architecture shows itself in the employment of the pointed and of the "horseshoe" arch. These forms were most consonant with the light and airy nature of their constructions, which were frequently of a somewhat flimsy character.

It is probable that the suggestion for the use of the pointed arch passed into the later Gothic style through the contact of the Crusaders with the Saracenic buildings of the East and through the amalgamation of



FIG. 75.—ARCADES IN THE MOSQUE OF AMRU, Cairo.

the Arab and Christian art, which was especially apparent in Sicily. The Arabs had conquered Sicily in the eighth century but were displaced by the Normans as a political power in the eleventh century. As late as the thirteenth century, when Sicily became for a time a territory of the Hohenstaufen Germanic emperors, the Saracenic culture was favored here by the liberality of the Emperor Frederic II. The Cathedral of Palermo is a famous survival of the amalgamated style resulting from this contact.

In general the influence of the Arabs in Europe was



FIG. 76.—HALL OF JUSTICE AND COURT OF THE LIONS. Alhambra.

most apparent in the matter of tiles and enameled clay, in the manufacture of textiles, and in the diffusion of the patterns which they habitually used in them. The word "Majolica" still bears witness to the importation into Italy of the arts of enameling or glazing pottery from the island of Majorca during its Arab period. The common glazed wares of Spain still show universally the Mo-

resque influence, which has thus penetrated in modern times even to the similar manufactures of Mexico and of South America. The earliest medieval manufactures

of silks and velvets in Europe were at Lucca in Italy, where they were introduced from Sicily and from other Oriental sources. Many of our modern textile patterns still bear witness to this history of the art. The importations of the Venetians into Europe of Oriental stuffs had a no less important influence.

The building which best bears witness in our time to the beauty of Arab tile decoration is the Mosque of Omar, at Jerusalem, whose exterior is still entirely covered with enameled tiles in blue and green ornament. This art was obtained partly in Byzantine Egypt and partly in Persia. The Mesopotamian coun-



FIG. 77.—ARCADE IN THE ALCAZAR.
Seville.

tries were also conquered by the Mohammedans in the seventh century. In these Persian territories a bastard classic art had prevailed since the fourth century B. C. This had amalgamated in later centuries with the Byzantine, each reacting on the other. The technical perfection of tile decoration was however a native Mesopotamian art, since the days of the Chaldeans, and has especially spread from this quarter, through Arab transmission, to the modern world.

CHAPTER VII.

THE ROMANESQUE PERIOD.

THE main periods of the art of the Middle Ages are three in number and these periods are especially apparent in architecture. They are consequently named in general according to the architectural divisions. The art of architecture will be always found to be the dominant one in history and as far as classifications and systematic conceptions are concerned it is always necessary to move from it. According to this system the Gothic period is the latest of the Middle Ages and its centuries are in round numbers those between 1200 and 1500 A. D. The period intervening between the Byzantine or Early Christian and the Gothic will therefore be the two centuries from 1000 to 1200 A. D.

As regards the designation of the first period it will be understood that Byzantine style long outlasted the eleventh century in Eastern Europe. It was in the first place coexistent with the empire from which it derives its name, which lasted till 1453. It was subsequently practiced by the Christians of the East under Turkish rule, and in Russian art it was the main factor until the nineteenth century. In Western Europe, on the other hand, Byzantine art was not universally practiced before the eleventh century, although it was universally influential, and no high technical perfection was reached



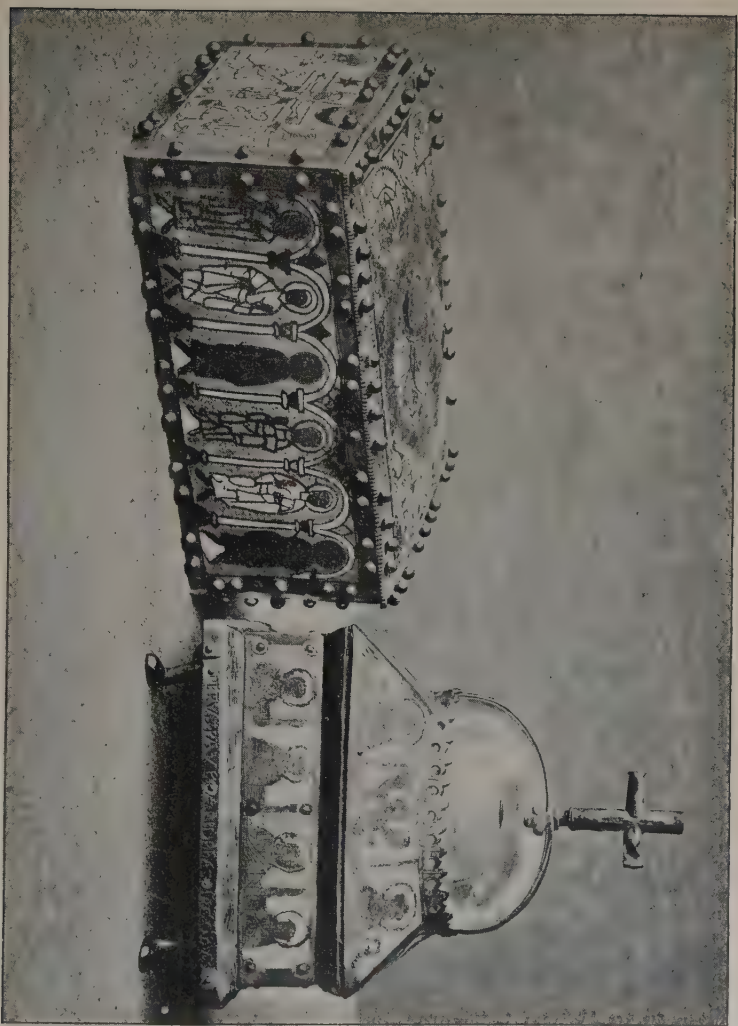
FIG. 78.—SOUTH AISLE. Peterborough.

without it. The matter of fact of history on this point has been stated on p. 100. There were, aside from Byzantine influences, those which moved directly from the old Western Roman Christian art of the fourth and fifth centuries, and there were the various semi-barbaric modifications of both. The most exact general title for the period between the fifth and eleventh centuries in Western Europe (500-1000 A. D.), would be "Early Christian *and* Byzantine."

The word Romanesque will be explained when we take up the architecture of the time. Meantime we will accept it and after making the necessary historic summary we will deal with Romanesque art as a whole, seeking first in the figure designs the connection and contrast with the earlier time.

It is obvious that in actual history there are no divisions of periods—there is only a continuous chain of events which is reflected in the works of man. After given intervals of more or less duration we can distinguish very obvious revolutions and changes which lead us to coin words to characterize them, and we are then obliged to notice in general the more obvious signs of the approaching change which have been first observed in its entire later result. It is according to these signs of an approaching change that the opening date of an art period is fixed. All divisions of periods are consequently arbitrary in one sense and the transitions and connecting links which are the most interesting features of every evolution are naturally the points most to be emphasized at the beginning of what we call, for our own purposes of convenience, a new period.

Stated broadly, the essential character of the Romanesque period is its effort to be itself, its effort to study



ROMANESQUE ENAMELED SILVER RELIC CHESTS, IN THE CATHEDRAL
TREASURY, HILDESHEIM.

nature independent of traditional forms in design, its effort to solve new architectural problems and meet new conditions of life in an independent and original way.

It is always in political and first of all in social life that a revolution in art is effected. The forms of art are the expression and result of these conditions.

In general history we seize upon the career of Charlemagne and on the history of his time (ninth century; he was crowned emperor at Rome in the year 800) as leading up to the changes which we distinguish in the eleventh century. The Frankish Germanic state, which was founded by the barbaric war chieftain Clovis in Northern France and Southern Belgium* after 481 A. D., had gradually in some cases, and



FIG. 79.—CATHEDRAL OF MAINZ.

rapidly in others, absorbed all the territories and tribes covered by the history of the German invasions, † excepting England, Spain, and South Italy, when Charlemagne became its monarch. It is then, broadly speaking, the whole of Central Europe which was in question ;

* The separation of the boundaries of those modern states naturally did not then exist.

† Reference to pp. 93-99, is here suggested.

bordered by Spain on the one side and by the Elbe and the frontiers of Bohemia and Hungary on the other. France, Germany, and Italy were thus the countries of his empire, which even reached to the Ebro in Spain.

At this time most of the rest of Spain was Arabian, and the Anglo-Saxons of England were so overrun by Danish barbarism that they are hardly to be considered as within the pale of civilization. The territories of Charlemagne therefore included all that were distinctly those of West European civilization.

Meantime dissensions between the bishop of Rome (the pope) and his political rulers, the Byzantine emperors,* combined with the inability of these rulers to protect him from the incursions of the barbaric German Lombards who were settled in Italy, led to an alliance between the Frankish state and the Pope. The Roman Empire of the West was thus revived. Charlemagne was crowned emperor of the west by Pope Leo III.

The theory of this proceeding was that the Roman imperial power of the west had been only in abeyance, and this theory was consistent with the fact that many of the German chieftains of the time of the invasions had nominally or actually professed themselves subjects either of the western or eastern emperor. The difference lay in the changed conditions of the actual civilization of the Middle Ages when power had fallen into the hands of feudal chieftains, the descendants of the minor German warriors and chiefs, whose great territories and consequent practical independence of any superior monarchical or imperial power made a revival of the old Roman Empire impossible. The theory was

* Rome had belonged to the Exarchate of Ravenna (p. 116).



FIG. 80.—CATHEDRAL OF SPEYER.

notwithstanding put into practice as far as circumstances and events allowed. For the lifetime of Charlemagne it was fairly realized in the territories named.

A triple territorial division of his empire among his grandsons set the imperial theory adrift in conflict with actualities; but it was again revived by the German kings of the Saxon Dynasty in the tenth century. These now became as "Emperors of the West" the greatest potentates of Christendom. Western France was left to struggle with Northern (Norman) invasions; but Eastern and Southern France were portions of this empire, Italy belonged to it; Denmark, Poland, Bohemia, and Hungary yielded to its sway.



FIG. 81.—ST. MICHAEL'S, Hildesheim.

All these political facts rest on a greater fact, which is that the civilization of Germany had risen to a point where it could and did assert itself, to a point where it was the vital and the active center of European history. The tenth, eleventh, and twelfth centuries were thus the great days of the Germanic emperors of the Saxon, Franconian, and Hohenstaufen Dynasties — powerful kings of

Germany at least, emperors of Western Christendom in

title, actually rulers of Italy, with German boundaries which then included the Tyrol and Switzerland, modern Holland, and Belgium, and as much of France as lay east of the Rhone or of the continuation of its main line to the north.

It was in these countries that the great Romanesque cathedrals were built as results of this prosperity and power, and it is especially the cathedrals of Southern France, and of the Rhine at Speyer, Worms, and Mainz which perpetuate the memory of these centuries. Otherwise the Cathedral of Bamberg (Bavaria) and the churches of Hildesheim are among the most important Romanesque monuments of Germany. In Italy the Cathedral of Pisa is the greatest of its age.

In the eleventh century the Normans had become the greatest power in Northern France and their churches at Bayeux and Caen are consequently among the most important.

From the Normans and through their conquest of England at the close of the eleventh century the Romanesque style spread to England where it is frequently,



FIG. 82.—HEREFORD CATHEDRAL.

though erroneously, named the "Norman" style. It appears at Peterborough, at Hereford, and at Durham, and in portions of the cathedrals of Winchester, Canterbury, Ely, Norwich, and York; but there are very few "Norman" English churches or cathedrals which have not been rebuilt or changed by later additions.

These various cathedrals were generally decorated with frescoes of which the remaining fragments are so scanty that they hardly offer even the material for a chronicle. Those surviving in St. Michael's at Hildesheim (twelfth century) are, however, of marvelous power and artistic quality. Other fine wall paintings are to be seen in the Church of St. Savin in Poitou and in the Church of Schwarz-Rheindorf near Cologne.

In Romanesque sculpture Germany generally offers the most important monuments. The earliest are the bronze doors of the Hildesheim Cathedral. Its bronze font and chandelier are also famous relics. The cathedral sculptures of Freiberg (Saxony) and of Wechselburg are the finest works of Romanesque sculpture.

Figs. 90, 91, and 92 are examples of the crude but honest efforts of the early Romanesque period in figure design. Fig. 91 illustrates dependence on Byzantine art (compare the mosaics).

CHAPTER VIII.

ROMANESQUE ARCHITECTURE.

THE word "Romanesque" does not, as sometimes supposed, refer to a debased and degraded Roman style adopted by the Middle Ages, but rather specifies the two traits of Roman architecture which were re-employed at this time, viz., the *pier* and the *vaulting arch*. All the great Romanesque cathedrals of North Continental Europe use this construction and are distinguished by it from the earlier basilicas with timber roofs and with columns supporting the arches of the nave.

Timber ceilings for minor churches were by no means abandoned at any time. In Italy they continued the rule for many of the most important cathedrals like that of Pisa. None of the Romanesque naves were vaulted in England, where this use was confined to the aisles. Finally the earlier churches of the Romanesque period in Northern Europe adhered more or less to basilica methods of construction. Notwithstanding these exceptions, it is the *pier* and the *vaulting* which distinguish this period of cathedral building as a whole and it is this use which has suggested the word "Romanesque." It may be added that the evolution of the Gothic style from the Romanesque was absolutely dependent on a peculiar development of this construction. Hence, above all, the necessity for insisting on it and



FIG. 83.—MAINZ CATHEDRAL.

understanding it, as a necessary preliminary to the study of this later style.

As far as our illustrations go, the character of a Romanesque vaulting is most distinctly illustrated by the view of one of the aisles of Peterborough (Fig. 78). The vaultings of the nave are also shown by the views of the Mainz and Speyer Cathedrals (Figs. 79, 80). The contrast with a timber ceiling is best shown by



FIG. 84.—WORMS CATHEDRAL.

the views of St. Michael's at Hildesheim and of San Apollinare Nuovo (Figs. 81, 66). The actual construction of the timber framework supporting the roof when not "ceiled in" is shown by the Church of the Manger (Fig. 50) and by San Apollinare in Classe (Fig. 67).

As regards the distinction between a pier and a column it is best illustrated in a church which exhibits both. Compare the view of St. Michael's at Hildesheim where the square pier and the round column

are easily contrasted (Fig. 81, or compare 67, 80). The shape is not, however, the determining point, for round piers are found in the English Romanesque. This appears in the view of Hereford Cathedral (Fig. 82). Properly speaking the pier is an aggregation of masonry without reference to shape, as visible also in this last case. The column as distinguished from the pier is a monolith in the diameter and frequently' also in the perpendicular. In the classic columns the division into "drums" or sections was frequently made necessary



FIG. 85.—SPEYER CATHEDRAL.

by the great perpendicular dimensions. In the columns of medieval churches, which were almost invariably taken from Roman ruins, as long as the supply lasted, it appears to have been almost invariably the entirely

monolithic columns which were chosen. As far as the Middle Ages are concerned, we may therefore boldly define the column as a round support which was monolithic both in the diameter and the perpendicular, and the pier as a support (sometimes round) which was built up of masonry.

If we turn now to the Roman ruins (Figs. 32, 33) we shall see that the vaulting arches were invariably supported by such masonry piers. This construction is, in fact, always necessary when a vaulting is employed, for a column is too slender a support for the superincumbent mass. We should therefore conclude that the piers of the Romanesque cathedrals were made necessary by their vaulted ceilings and that philosophically we ought to begin our explanations with these. It should be added, however, that practically the supply of ancient columns had been mainly exhausted in the first five centuries of Christian building, and that a resort to masonry piers would have been natural in consequence, to a period unaccustomed to the quarrying of columns. Regarding the enormous pressure of the stone vaultings and the great strength re-



FIG. 86.—PORTAL. Haughmond Abbey.

quired to resist it, we have an especially interesting illustration in an English ruin of the Gothic time which shows the section of a vaulted building.

As regards the general reasons for the introduction of a vaulting system in cathedrals we may also find the most obvious illustrations in the Gothic; for when the Gothic vaultings (Figs. 98, 99, 100) are compared with the timber ceilings (Figs. 51, 66) there is not the slightest difficulty in appreciating their artistic superiority for an interior effect. The same point holds of the Romanesque cathedral interiors like Figs. 78, 79, although the contrast may be slightly less obvious. A



FIG. 87.—PISA CATHEDRAL, BELL TOWER, AND BAPTISTERY.

church with a vaulted ceiling is obviously of one solid material throughout—walls, roof, and columns are all of stone. There is not the sense of incongruity, as regards

durability and material, between two parts of the buildings. Both are harmonized into one mass not only as regards material but also as regards lines and surfaces. For the lines and surfaces of the arch unite insensibly with those of the wall and the pier. The extra height obtained by the arch as against a flat ceiling is also a point to be considered. A most im-



FIG. 88.—PISA CATHEDRAL.

portant consideration is that relating to possible conflagrations and the resulting disaster to a timber-roofed building. There is no doubt that the occurrence of such destructions by fire had much to do with the introduction of the vaultings.

In the general prosperity and power of the Germanic Empire we have already found the material causes of

a new building and artistic activity. The rivalry of great towns, of powerful bishops, and of various monastic orders—the wish of the emperors to leave monuments of their greatness to future ages, all conspired to create the Romanesque style. The exteriors when compared with those of the old basilicas (Figs. 83, 84, 85) have a manifestly monumental purpose. The spirit

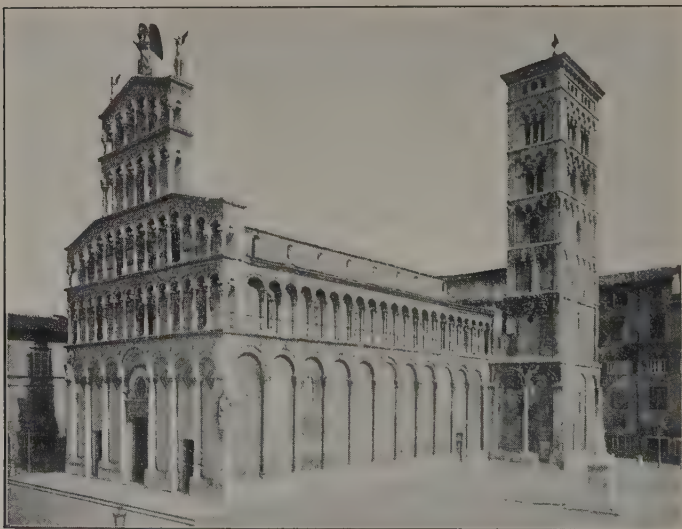


FIG. 89. ST. MICHAEL'S. Lucca.

of pride and power, of ambition and successful effort, is apparent in them. The vigorous Germanic blood had been poured into the veins of the old Roman Christian civilization of the fourth and fifth centuries and this was the result.

Out of the simple bell tower of the ancient basilica had grown the system of exterior towers shown by

the views of the Speyer and Mainz Cathedrals. Over the junction of the nave and transept was generally raised a dome covered by a pointed roof (Fig. 83). In the Pisa Cathedral the rounded dome construction is, however, also apparent on the exterior.

The surfaces of the exterior walls were broken and spaced by pilasters. Galleries of columns and arches were constructed on the towers and occasionally on the façades or at other proper points of the upper walls (Figs. 83, 84, 85). The lines of the cornices were decorated with small round arches. The portals, especially of the later Romanesque, were richly ornamented with carving and recessed with columns and concentric arches, diminishing in size to the doorway (Fig. 86).

It is necessary, after dwelling on these various points, to consider the ground plans of the Romanesque cathedrals. These differed from the basilica plan by the introduction of the transept or cross form.* This added to the di-



FIG. 90.—IVORY CARVED BOOK COVER.
THE DEPOSITION. Hildesheim.
Eleventh Century.

* It appears occasionally in a rudimentary way in the early Christian basilicas.

mensions and the picturesque effects of both interior and exterior. The choirs were considerably enlarged (Fig. 83), a development from the apse of the basilica. As regards the division of nave and aisles and the system of lower aisles, bordering the nave with its higher walls and upper windows, the arrangement of the basilica was retained. As regards plan and system these cathedrals were therefore a direct evolution from the earlier buildings, with increased grandeur, size, picturesque effect, and a more permanent and durable construction. The round arch was employed as in the preceding period. The exterior walls were massive and the Romanesque is a fine illustration of the value, for artistic effect, of large surfaces of masonry. Its recent employment in modern revival has been mainly promoted by an artistic taste which has felt the value of its undecorated masonry surfaces and simple masonry construction.

Having treated the Romanesque cathedral as a finished type, we may now consider the steps of transition by which it was reached. As regards the vaultings they were sometimes at first only attempted in the side aisles. We have seen that the English "Norman" cathedrals stopped short at this point. The English style being one of foreign introduction, it appears that the traditional national habit of using the timbered ceiling asserted itself in this matter and it may be that masons were wanting in England who were sufficiently dextrous to undertake the vaulting of a nave. The general backwardness of English culture at this date as compared with that of Continental Europe is undoubtedly in one way or another the explanation. It should be added that the important building activity of English cathe-

drals as compared with portions of the continent does not begin until the time of the Gothic.

Aside from the tentative introduction of vaulted aisles as forerunner of the developed Romanesque, it may be said that the churches of Southern France seem to have been foremost in the use of vaultings and it would appear that there was a traditional survival here of the old Roman practice. There are many instances in this part of Europe of such survivals of Roman tradition.

As regards the piers many early churches show an alternating arrangement in which piers and columns both appear, another obvious transition to the later system (Fig. 81). Many early Romanesque churches continued the basilica plan without important modifications (Figs. 81, 88). This was especially the case in Italy and for two reasons. The basilica traditions were stronger there and the supply of columns from ancient buildings lasted longer.

In Lombardy (North Italy) the northern system of vaultings appears at an early date, but in Tuscany (south of the Appenines) the Italian Romanesque, in the



FIG. 91.—LIMOGES ENAMEL.
THE VIRGIN MARY.
Twelfth Century.

larger number of cases, exhibits an intermediate stage of development as compared with the buildings of the north. It constantly shows Romanesque ornament and details, without the vaulting and without the pier. The Pisa Cathedral is the finest instance of this intermediate system. Only the side aisles of this cathedral

are vaulted. Its exterior ornament is, however, more elaborate and more carefully planned than that of any northern building (Fig. 87).



FIG. 92.—IVORY CARVED BOOK COVER.
THE DEPOSITION AND ENTOMBMENT.
Thirteenth Century, Ravenna.

The system of variegated masonry in horizontal stripes, is peculiar to Italy as far as the Romanesque is concerned. These stripes are found in Oriental Byzantine, and in Saracenic buildings, and are thence derived. The Lucca

Cathedral and many other churches of Tuscany are later variants of the Pisa Cathedral.

The ornamental carvings and the capitals of Romanesque art are developments from the Byzantine. Where columns were employed the cube capital is common (Fig. 81).^{*} For the pier capitals new forms were invented or evolved. The introduction of grotesque

^{*} The capitals of the Pisa Cathedral are antique. The columns and capitals were brought from Sicily.

forms of animals or men in these ornaments is peculiar to this period, as distinct from the one which preceded. These grotesques represent the fantastic and original spirit of the Germanic North as contrasted with the more sedate Byzantine dependence on earlier classic designs.

In the rare examples of Romanesque wall painting which have survived, there is visible a finished and powerful style which bespeaks long previous practice and an interesting survival of classic art. It is far otherwise in the sculpture, where the early efforts are clumsy and rude, though interesting for the originality of the motives and the earnest effort of the workman (Figs. 90, 92). The conclusion is obvious that the efforts in sculpture were less assisted by tradition, and the dearth of Byzantine art in this line has been explained.

In enamels and metal work there are many survivals of Byzantine influences (Fig. 91). The rudest art of the period, as regards sculpture and painting, survived latest in Italy where we find incredibly barbaric design even in the thirteenth century. The style represented by Fig. 92 was common at this time all over Italy and was not improved upon until the advent of Nicolo of Pisa.

CHAPTER IX.

THE GOTHIC PERIOD.

IN THE thirteenth century a long-standing contention between the popes and the Germanic emperors ended in the complete downfall for many centuries of imperial territorial power, and the consequence was that even as German kings the emperors also lost their power. The contention between the emperors and popes was one regarding episcopal appointments, which the emperors wished to control on account of the enormous dimensions of the spiritual territories which they themselves had created in order indirectly to keep the territorial power in their own hands. This was constantly tending to slip from their grasp, owing to the hereditary power of the feudal sovereignties.* The popes naturally preferred to have the appointment of bishops made for ecclesiastical and not for territorial and political reasons, and to retain the privilege of confirming or rejecting the appointment, which practically gave them a share in making it.

As one result of the success of the popes in this contest, aside from the great increase in their own

* The enlargement of the bishoprics was part of their effort to break down the opposition to the monarchy of the hereditary feudal sovereignties. The right of filling vacancies in spiritual appointments was thus used by the emperors to antagonize the feudal system. When large territories were given away at each new episcopal appointment something could be exacted in return and the influence remained with the king. Where large states were hereditary this influence was lost.

political significance, we may mention the complete independence of the Italian civic states from the Germanic emperor. Another result was the reduction of the titular king of Germany and titular emperor of Christendom to such a condition of weakness that he was frequently worse off in estates and influence than many of his own supposed vassals.

On the other hand, France now became what Germany had been—the leading state of Europe. Her kings began to consolidate their territories and to master them in fact, as well as in name. In this rise to power they were assisted by an alliance with the Communes (that is, the cities of France), who were in turn protected and assisted by the kings in their own contentions with the feudal nobles.

The crusades had been especially favored and supported by France, and their reacting influence on European history was also most apparent in this country. This influence was partly to further commerce, partly to increase the power of the kings, partly to weaken the influence of the feudal nobles—all results which in one way or another raised the importance of the cities.

Now the first Gothic cathedrals were built in France and within the individual domain of their kings. Their architectural style was a French invention. Its spread throughout Europe signifies French ascendancy and influence in the later Middle Ages, as the Romanesque especially signifies Germanic power and greatness in the earlier Middle Ages. As regards England, Germany, and Spain, the Gothic was a borrowed style. As far as it very slightly influenced Italy the same point holds.

In Gothic architecture we have therefore to consider

two distinct movements. One was the evolution as accomplished in one spot. The other was the gradual displacement of Romanesque methods in countries exterior to France, where they were supplanted by a style directly introduced and, so to speak, ready-made.

As the rise and spread of Gothic cathedral architecture was undoubtedly the most important feature of art history between the thirteenth and the sixteenth centuries (1200-1500 A. D.), this period is accordingly named; but most interesting developments in the art of design were made in Italy during these centuries, which were quite independent of it, as was also mainly the Italian architecture, which is notwithstanding, for the given dates, known as the "Italian Gothic."

The word "Gothic" itself is one of Italian coinage and was used by the Italians of the later Middle Ages to designate all buildings of Northern Europe without reference to any of our own distinctions of period or style. We still speak of the "Goths and Vandals" when we wish to designate barbarism, and the word "Gothic" simply meant to Italian comprehension "Germanic," in the large sense, or as we should say—"medieval." Both the Visigoths and Ostrogoths had been invaders of Italy during the downfall of the Western Roman Empire.* The word Goth was thus a characteristic designation for the Germans at large, and although France in the later Middle Ages had lost all vestige of her Frankish Germanic origins, the Italians were good enough historians, or bitter enough haters, to remember that all the countries of the western empire

* The Goths had been designated as West Goths and East Goths, according to their location north of the lower Danube; hence the names Visigoth and Ostrogoth.

had been Germanized and that Italy had suffered most from their invasions because she had the most to lose.

This historic prejudice of the Italian against Germanic and Northern Europe explains the first use of the word "Gothic," which was subsequently adopted by Northern Europe with the style and taste of the Renaissance during and after the sixteenth century. It was this Renaissance style (revival of the Greco-Roman classic style) which finally then displaced and supplanted the Gothic. This was abandoned more or less rapidly all over Europe and there is, broadly speaking, a gap of three hundred years between the modern copies of Gothic buildings and the old originals, which gap is filled by the Italian Renaissance style.*

In Northern Renaissance Europe the word "Gothic" was also applied indiscriminately to medieval buildings of all dates and without reference to the peculiar style which we distinguish by it. The word was also used in the same contemptuous and prejudicial sense. It was not till the nineteenth century that a revived interest in the Middle Ages at large led to a revived interest in the latest, largest, and most numerous cathedrals, and a distinctive name was then required for their style. This was obtained by confining the word already in use to the one period and coining new ones for the earlier styles.

This history of the word is therefore a history of the causes which led to the overthrow of the style, and also of the causes which have recently led to its revival and to the modern study of its ancient monuments.

Although the earliest Gothic buildings are in the French territory surrounding the city of Paris, the choir

* Before the Greek Revival of the later eighteenth century.



FIG. 83.—COLOGNE CATHEDRAL.

of the Cathedral of St. Denis, Cathedrals of Noyon, Laon and of Notre Dame in Paris, it is through the fully developed buildings that we can most distinctly explain Gothic traits and we shall select examples for illustration without reference to early date accordingly.*

The elementary explanations of the rise of the Gothic style are all connected with the increasing areas and size of the great cathedrals and this increase of dimensions as found, for instance, in France, is related to the growth of the French cities under the political and historical conditions just explained. And what held especially for France at this time in the first instance, held also for Europe in general in its Gothic period. The prosperity of England was never so great, at least since the days of the Roman Empire, as it was from the time of Edward the First on (thirteenth century); and the beginnings of the English Gothic date from the times of John and the Magna Charta (early thirteenth century).† The prosperity of the Netherland cities, owing especially to their manufactures of cloth, was something phenomenal in the later Middle Ages. Although the monarchy had been depressed in Germany the free cities had risen in importance. Now came the great days of the Hansa trading league and of the commerce of the Baltic. There have never been in Europe since that time such imposing buildings, such enormous church interiors. St. Peter's at Rome and St. Paul's at London are rare exceptions of large interiors for modern (Renaissance) times as compared with the general rule for all the important Gothic cathedrals.

* The choir of the Cathedral of St. Denis dates from 1144.

† The first Gothic portions of Canterbury Cathedral were begun in 1174 by a French architect.

In laying stress on this point of the commercial prosperity of the cities and the consequent demand for large cathedrals, we must of course also take account of conditions which would explain why commercial prosperity in later times has not had an equal influence in the same direction.

One main explanation is that the public spirit of these cities was more active because they were more independent. They were practically independent civic states. The league between them and royalty in France was much more one of joint partnership of opposition to the power of the nobles, than a condescending protectorate on the one hand or a dependent submission on the other. In all countries of the late Middle Ages, excepting Italy, where there was no monarchy, the general rule holds of an alliance between the monarchy and the commercial classes. Contrary to possible supposition, monarchy and aristocracy are by no means synonymous terms or natural allies. In original development they have always been rivals and were avowedly so in Europe down to the eighteenth century. The kings wanted money and it was only the cities which could give it. Standing armies and artillery to crush feudal opposition to the monarchy were thus obtained. Backed by this alliance the public spirit of the cities of that day corresponded to the patriotism of a modern nation, but was a much more active force in art because the relation between art and the people was more direct and more obvious. The cathedral, when it was built, was seen and used by all the citizens who had helped to pay for it. They all took a personal pride in it and all felt a personal rivalry with each other city which was boasting or preparing to boast of its own great structure. Human-

ity only reaches great results when combined and organized in masses ; but these masses must not be so large that the individual loses his sense of relation to the whole, or that his individual interests are not visibly a part of the whole. In the modern states a national public art corresponding to that of the Greeks or of the Middle Ages has been so far impossible because public art, to be good, must be visible to all the people who pay for it and must represent their personal interests and show forth their personal ambition and personal pride. The modern state is too large as compared with the free city of the Middle Ages to obtain such results in art as were then obtained—as far as society has been organized since that time.

All explanations or comprehensions of a great art must start from the conditions which produced it. Therefore, we must first consider the Gothic architecture from this point of view. Its masonry is vital with the life of an epoch and this we must first try to seize. One grand point is that modern states and modern nations did not exist in the Middle Ages. There were corporations, there were cities, there were religious orders, there were feudal estates with their owners (chiefs or “barons”), and warrior supporters, and there were kings—but there were no countries and no nations. That is to say, there were no national countries. Each language of modern Europe is the development of a dialect. In the language of a given nation there were then as many dialects as there are now languages in Europe, and these were as incomprehensible to the other districts of the country as a foreign language now is to one who has not learned it. This was one great cause of the power of the clergy, who all spoke one language, viz. : Latin. Now

a nation and a country, as we understand the word, must have a common language. This is the first necessary bond between men—to be understood. In the absence of a country and of obvious national interests, the corporations, cities, religious orders, and feudal estates were the units of society. National states were being organized by the monarchies, but they did not exist in a developed form until the sixteenth century, when the Gothic cathedral style was abandoned.

An equally important consideration concerns the religious faith of the people and the importance of this faith in their daily lives, and consequently in their art. In the absence of the scientific, historical, poetic, and romantic literature of modern times, the literature of the Bible had an absorbing historical and poetic, as well as purely religious, interest for the Middle Ages. The lessons and the stories of the Bible were taught and told by painting and sculpture in default of printed books. In paintings and sculptures and stained glass, the cathedral was a monument of literature in stone. The interest in church matters is shown by the number of minor churches which were built. There is a beautiful church in Cologne which is said to have been built in the leisure hours of the masons of the cathedral, and the tradition is significant without any relation to its truth. That smaller churches were constantly built in the close neighborhood of the cathedrals in times when there were no denominational sects, is also very significant. This brings us to the uses and public significance of a cathedral.

For the Gothic period the cathedrals were almost as much civic buildings as they were churches, and in the sense that they embodied the pride, the ambition,

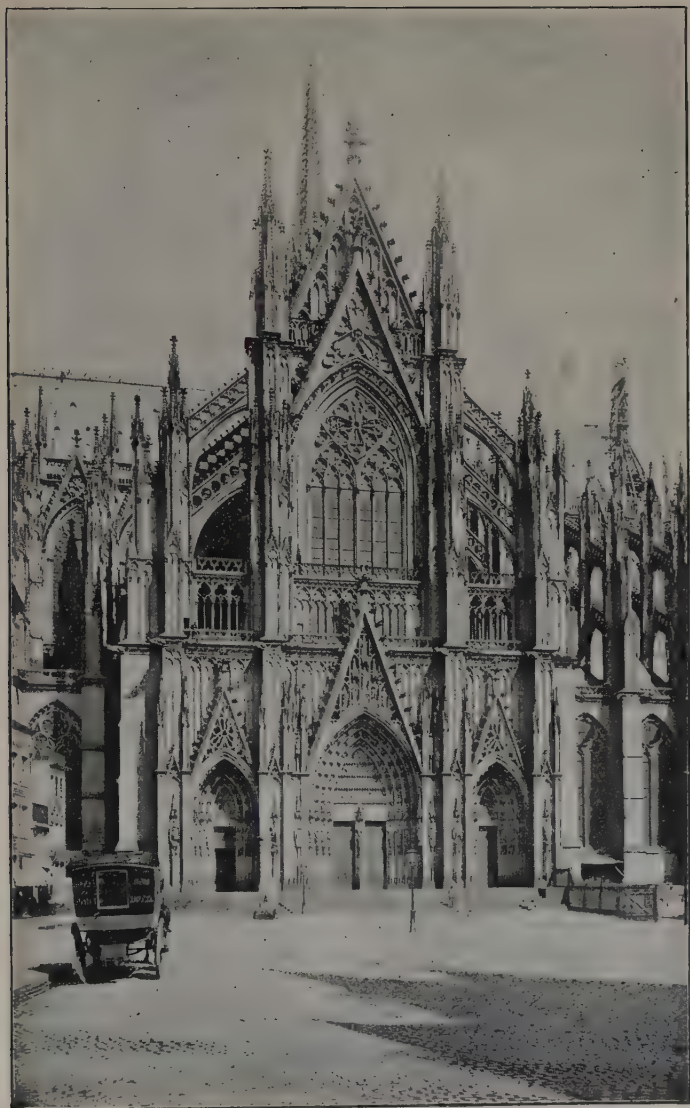


FIG. 94.—TRANSEPT. Cologne Cathedral.

and the rivalries of the cities, this was eminently the case. But they were also actually used for town meetings, for public festivals, and for theatrical exhibitions—the “Miracle Plays” and “Passion Plays,” which have survived in one famous modern instance at Ober-Ammergau. In the Middle Ages the church and the cathedral were always open, like the Catholic churches of our own day. Here the poor man was the equal of the rich. The beggar and his lord met on terms of equality in the liberty of using the building and in the theory of its religious teachings. There were no pews for favored owners. The cathedral was the palace of the poor, and its entire space outside the sanctuary was open to their daily visits and sojourn at will, without disturbance.

The cathedral was the museum of art; a museum made, not to display the ostentation of the rich or the luxury of his life, but to teach by pictures and reliefs the history of the world as then known and comprehended by the traditions of the church, and the lessons of faith and of sacrifice. Here were, moreover, the actual memorials and relics of past ages; for here was the treasury not only of the art of the present but also of the art of the past. Finally, the cathedral was the sanctuary of the famous and illustrious dead. Their tombs were its decoration and its pride.

This popular significance and these popular uses hold for the cathedrals of all periods, consequently for the Byzantine and Romanesque as well as the Gothic. But the Byzantine cathedrals were more largely the erections of the clergy, the Romanesque cathedrals were largely the erections of the Germanic emperors or of the great religious orders, while the Gothic cathedrals were

especially the buildings of the municipalities. The union in these buildings of the arts of stained glass, of fresco ornament and sculptured stone decoration, of panel pictures, of metal work in the altars, shrines, and chandeliers, and of wood carving in the seats of the clergy, is to be constantly kept in mind. The pulpits were also objects of special artistic splendor.

Thus the industrial arts of the Gothic period as a whole are illustrated through these buildings, which are moreover, as monuments of engineering execution, worthy of all admiration. The mathematical, geometrical, and statical science requisite for their construction is our best authority for the high civilization of their time. Their architects were moreover not, like our own, educated apart from the artisans and masons and sculptors who were their servants.

The architect of the cathedral was the master-mason, a fact of supreme importance for the perfection of these buildings, for the understanding of their subtle art, and for the comprehension of the changed conditions in our own time which make it impossible for us to rival them.

It was, in other words, the actual combination of theory and practice in the person of one designer which made their perfection. Our greatest modern architects spend their lives in an office where they employ a number of draughtsmen to prepare their plans. The modern constructor who is employed by the architect belongs to another profession, also living in an office, and, again, distinct from a series of contractors who are employed by him. These again employ the artisans and actual builders. The architect of the Middle Ages was a man of the people and a trained mason who spent his life on

the scaffolds of his buildings in actual superintendence of the work. The masons and carvers themselves were persons of experience and standing, banded together in guilds or societies which perpetuated their traditions of method and technical skill. These corporations never died and their art was immortal while it lasted. The "Masonic" societies of our own time are survivals of these masonic guilds.

I should be far from underrating, among all these considerations, the influence of the church itself and its clergy. The clergy of the Middle Ages were its men of science and of learning, its teachers and masters of foreign languages, its literary workers and students, the guardians, moreover, of the literature of the present and the past. They were the librarians, the diplomats, and the courtiers of the age, skilled in political art and the knowledge of men; even warfare was not always foreign to their life. Finally and above all they were teachers of religion. At once the guardians of the literature and civilization of Roman antiquity, in the time of the German invasions and early German states, when every convent was a center of instruction in the industrial arts and every priest a mediator between the barbarian and his helpless prey, they had become the revered and honored masters of their age. The wealth of their corporations and their Orders was only equaled by their charity to the poor. While the power of the king and the baron was inherited by birth, the highest honors of the church were open to the son of the humblest serf. Visible and material signs and results of this power of the church the cathedrals undoubtedly were, but the Gothic cathedrals, especially, were undoubtedly built, in the main, by the energy and

offerings of the people at large. There are records of the donations by women of their jewels, and by poor people of various modest offerings and small sums of money, which prove this to have been the case.

We have been led into an account of the general causes which contributed to the grandeur of the Gothic cathedrals, by insisting first on the average increase of area and dimensions in important churches, as due to a particular rise in power of the cities of the Middle Ages in which France led the way. We may begin our explanation of the style itself in structural details by showing that the pointed arch, which is one main feature of it, was adopted on account of this increased dimension.

CHAPTER X.

GOTHIC ARCHITECTURE.

THE pointed arch is not known in existing remains of architecture (outside of Assyrian vaulted drains and ruins of the upper Nile) before the time of the Arab buildings (Figs. 73, 77). There is no doubt that it was through contact with these that its form became familiar to the Crusaders as well as to architects of Spain and Southern Italy. The pointed arch is found in occasional use in the later Romanesque, and we find here another instance of the transitions by which the new style was reached, but as it appears in these cases it was used without any distinct system of Gothic development. In the case of the Gothic style it is clear that its adoption was not due to imitation of Saracenic art or to any decorative preference. The decorative preference might appear to be indicated by its constant decorative use, for the round arch is not found in the Gothic period, excepting in Italy, but the original explanation is to be sought in the weight of the vaulted ceilings. The decorative use followed the construction.

The view of the ruin of Melrose Abbey (Fig. 97) is the best illustration on this head, because its peculiar and unusual exhibition of a section of the actual construction shows the weight of masonry which presses on the arch. The weight is greater here than was usually

the case, but the illustration serves its purpose. This will consequently lead us to consider the difficulties and problems which beset the constructors of the round-arch Romanesque vaultings. We have already insisted on the point that the Gothic can only be comprehended



FIG. 95.—WELLS CATHEDRAL.

through a preliminary study of the system of vaulting employed by the Romanesque (p. 143).

Mathematically considered, we know that the round arch is a perfectly stable form, but physically considered, the resistance on the sides must be sufficient to keep its blocks in position. If the side resistance gives way or is weakened, the blocks of the arch are displaced and the entire structure is ruined by its fall. That this disaster actually befell a certain number of early Gothic

cathedrals during or soon after construction is known, and helps us to understand the pains taken in other cases to avoid this possibility. For instance, in the case of the choir of Beauvais where unusually lofty dimensions were attempted, the ceiling of the choir fell in, twelve years after completion, and the entire building had to be reconstructed in consequence.

In the enormous development of dimension in the buildings which began to be used in the Gothic period, the round-arch vaultings were found insecure for the increased height, width, and weight. Some instances of the dimensions attained will explain the reasons. The



FIG. 96.—LINCOLN CATHEDRAL.

height of the nave at Amiens is 132 ft., at Beauvais 146 ft., at Cologne 140 ft., at Burgos 140 ft., at Milan 157 ft. Milan Cathedral holds 40,000 people. The spire of Strassburg is 452 ft. high. The church of San Petronio at Bologna was planned for a length of 640 ft. The exterior length of Cologne Cathedral is 530 ft., of Lincoln Cathedral 524 ft., of Salisbury Cathedral 430 ft. The area

covered by York Cathedral exceeds by 4,100 ft. that of St. Paul's. The span of the cathedral nave of Palma

in Spain is 65 ft., at Gerona in Spain it is 73 ft. When the average dimensions of the great cathedrals are considered and especially the great heights of the naves, the reason for the use of the pointed arch will easily appear. In preference to adding to the weight of the exterior walls, which would have been practically impossible, resort was had to the pointed form of the arch, in which the lateral pressure relieves the keystone from a portion of the weight.

From the way in which two leaning objects will support one another, we may understand how the two sides of a pointed arch lean against and tend to support one another. The employment of the pointed arch in doors and windows was a convenience of use following that which was absolutely necessary, and its application to decorative details was a natural consequence.

A consideration favoring the use of the pointed arch was its adaptability to the varying widths of nave and aisles when connected with one given pier. In the Romanesque interiors (Figs. 79, 80), it will be observed that only the alternate piers have pilasters, which are con-



FIG. 97.—WEST FRONT. Melrose Abbey.

nected by ribs with the ceiling of the nave. The given number of piers represents ribbed supports for every bay of the aisles (compare the aisle of Peterborough, Fig. 78) which are half the width of the nave; but because the round arches are concentric they must span a greater space when they rise to a greater height (Figs. 79, 80). With the pointed arch every pier of the side aisles was also available as a true pier for the nave (Figs. 98, 99), because arches of varying height could be carried from the same pier. The gain in security for the nave, or what comes to the same thing, the economy of material to secure a given result, is obvious. We can see in Fig. 98 that the arches inclosing the upper windows of the bays must be more pointed than those which span the nave, and in Fig. 80, for the Romanesque, we can see that the arches which span the nave are equal in size to those which reach from the same piers to form the upper bays of the nave. The intermediate piers are here only available for the vaultings of the aisles.

I have intentionally massed together the views for the interiors of the Gothic churches. In all of them the solid masonry of the ceiling must be especially considered. In some of them the skeleton framework of the ribbings, which are the main lines of support for the ceiling, is especially distinct in the pictures (Figs. 98, 99). A point which cannot be well illustrated in photographs, and which can with difficulty be observed in the buildings when the ceiling is viewed from the floor, is the manner in which the spaces between the ribs are slightly arched in such a way as to make the ribs the actual supports of the ceiling. These in their turn transmit the pressure to the piers.

The piers of the Gothic have a lighter and more



FIG. 98.—CATHEDRAL OF BAYONNE.

slender construction than those of the Romanesque. The latter were sometimes of plain square section (Figs. 79, 81) or were square and beveled at the corners, or were sometimes massive and clumsy round supports, as in Fig. 82 (the latter, mainly Norman). With other Romanesque piers are found small pilasters leading up to the ribs above and connected with them (Figs. 78, 80). In the Cathedral of Mainz, we see the square pier alternating with the square pier and pilaster (Fig. 79).

In the Gothic the piers are generally treated as a cluster of slender ribs, each rising to its own definite and special functions (Figs. 98, 99, 100). Effects of a



FIG. 99.—NORTH AISLE. Canterbury.

massive or clumsy appearance are avoided. A strictly logical and strictly economical use of materials and forces is apparent. Round piers are not unknown to the Gothic, but they are not generally found in highly developed or characteristic examples of the style.

In the use of the pointed arch there is the appearance of an aspiring tendency and of a sentiment for altitude. This is enhanced by the treatment of the pier, which multiplies, both by lights and by shadows, the rising lines which

tend to enhance the effect of height. The same sentiment is visible in the actually enormous altitudes of the cathedrals. These effects of altitude are also exaggerated by a relative narrowness of nave and aisles (Figs. 99, 100). The general result is to dwarf the spectator and his immediate surroundings.

It was not only actual dimension but the effect of dimension which was sought for and attained. Disproportionately high apartments and those which surprise the eye by an effect of height are known to have this effect of dwarfing, in appearance, the persons in them. In this point



FIG. 100.—CATHEDRAL OF NANTES.

of the effect of dimension the cathedrals attain greater results than the Pyramids, with far less material effort.

For the matter of the Gothic windows we should logically be speaking of the interiors for whose service they are made, but exterior views may illustrate them more visibly as being taken from the sides of the buildings rather than down the length of nave or aisles (Figs. 93, 101). In developed examples almost the whole wall surface, aside from the façades, is given up to the windows. The infinitely varied designs of their delicate

stone ribbings are a beautiful feature of the Gothic. The perpendicular stone bars are called "mullions."

The delight in the color effects of the stained glass window pictures is undoubtedly one explanation of their dimensions and number, but it should be added that throughout the developed and later Gothic, there is an obvious effort to dispense as far as possible with blank walls, or solid masonry surfaces. It is on this account that in developed and later Gothic, as far as the masonry appears, it is treated in filigree, so to speak (Fig. 102); broken up as regards effect of bare surface by the expansion over the wall surfaces of a tracery system borrowed originally from the designs of the windows (Figs. 94, 101).

It is in the same sense and to the same purpose that the statuary decoration is conceived and elaborated. We must remember, however, that the effort to illustrate the lessons and teachings of religion and to glorify the saints and prophets and apostles was also in question here. In the great Gothic portals the statues may be counted by fifties and by hundreds, and they are frequently lavishly distributed over other portions of the building, especially on the façades. There are two thousand statues on the exterior of Milan Cathedral.

So far we have considered everything but the one thing of importance essential to all the rest, namely, the stability of the building. When we remember that these tremendous vaultings of the interior have been raised high in air over walls which on the sides of the building at least are conspicuous for their flimsy appearance and large window openings, it is evident that the buttress architecture of the exterior was a serious and necessary feature—not designed for orna-

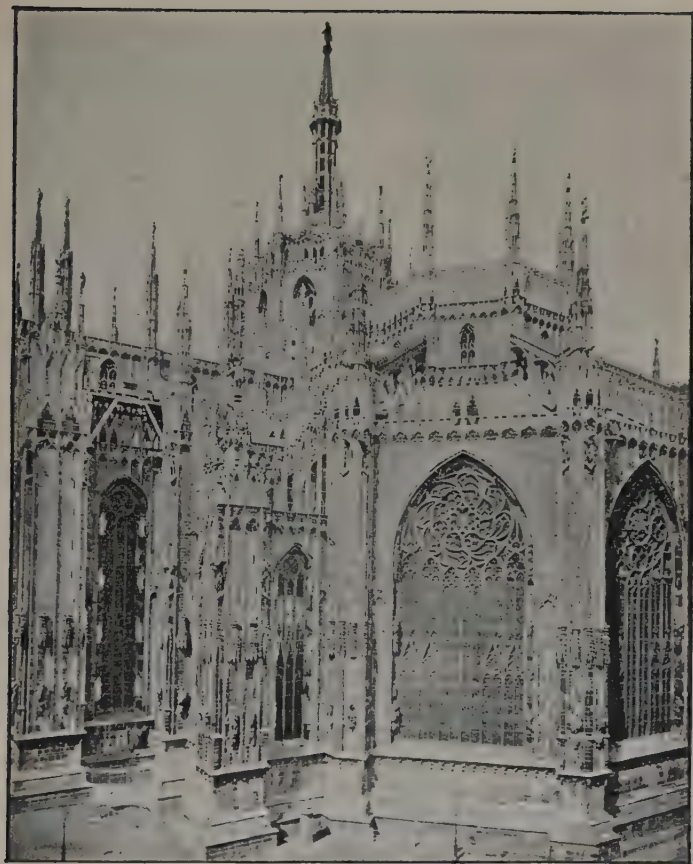


FIG. 101.—CHOIR. Milan Cathedral.

ment or to please the eye, but the absolute and sole condition of the existence of the building.

It is here that our own modern copies of the Gothic buttresses have tended to obscure their original use. The vaultings of the old Gothic cathedrals have been so rarely attempted in modern times that the instances are not worth mention as a matter of argument. Where vaultings are seen, in appearance they are imitations in cement or in stuccoed laths and plaster. At the time

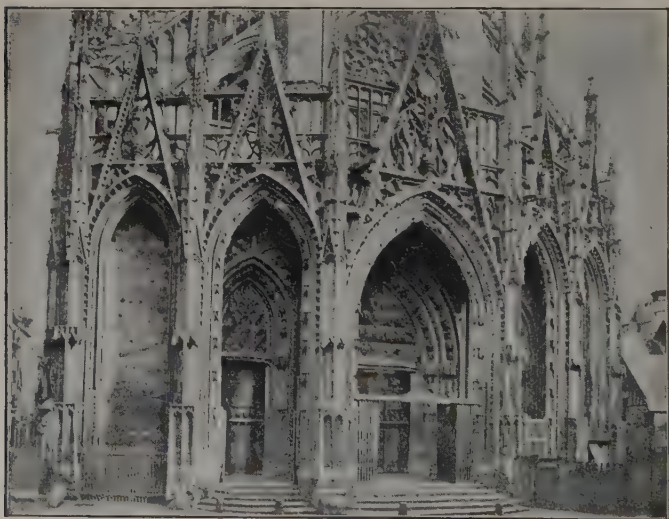


FIG. 102.—ST. MACLOU, Rouen.

when copies of the Gothic became fashionable in modern architecture, little attention had been paid to the constructive conditions of the old buildings. It was their appearance, not their construction, which was imitated. The sentiment which called for these imitations was a

literary historic interest, a literary fashion, not a movement inspired by the necessities or habits of modern construction. We have consequently become so familiarized with the appearance of the buttress in imitations of the Gothic, that it is difficult to realize its constructive necessity in the ancient cathedrals.

It is undeniable that the use of the buttress in appropriate and modest dimensions was transferred to village timber-roofed churches—equally undeniable that there is not one great Gothic cathedral of the continent of Europe which is not vaulted and that the style as such is a vaulting style. There is not the slightest objection to a wall buttress, wherever and whenever it is needed, and it may easily be made a means to economy of material in a timber-roofed church, but its imitation as a matter of “style” without reference to use, which has been a very general thing in the modern Gothic copies, is absurd—as all unthinking imitations must always be. It is this frequent lack of constructive necessity in the modern Gothic buttress which has promoted the recent movement in favor of the modern “Italian Gothic” and the modern “Romanesque.”

In the old cathedrals the “flying buttress” was a necessary consequence of the higher elevation of the nave as compared with the lower elevation of the side aisles. Its practical use is perhaps best illustrated by the view of Melrose Abbey (Fig. 97), although it appears here in a rudimentary and clumsy form. The buttress was frequently surmounted by a pinnacle; always, in fact, when the flying buttress was used; or by a statue surmounted by a canopy. The pinnacle added an additional weight to the resisting power. It also emphasized the rising lines of the building and its

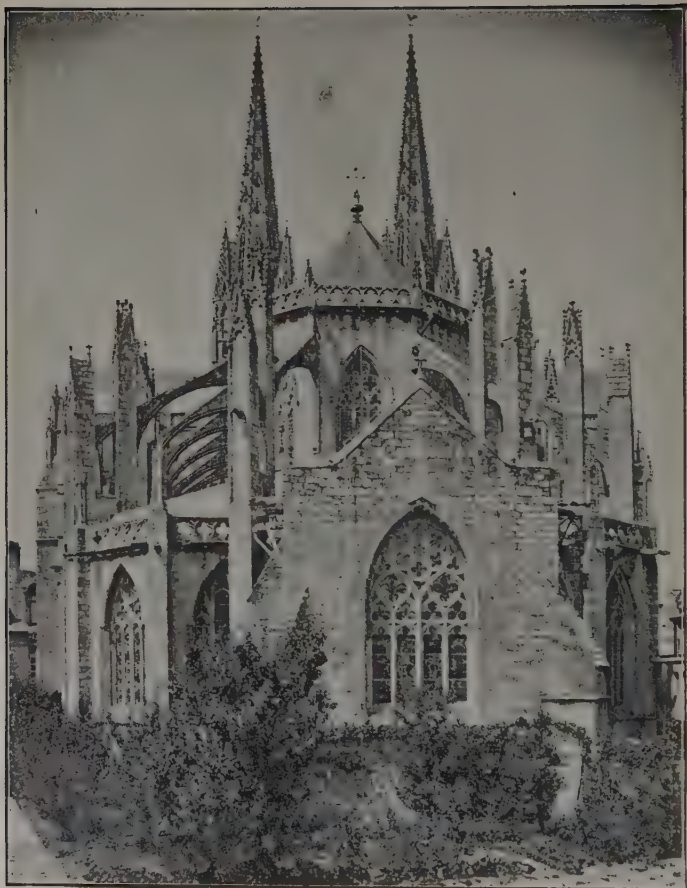


FIG. 103.—CHOIR. Cathedral of Quimper.

effects of altitude. It was, in a word, an ornament emphasizing construction.

It will, on the whole, best explain the uses of the buttress to consider in the case of a given building (Fig. 105), what the alternative would be if the given cathedral were Romanesque. In this case the wall would necessarily be as thick at all points and in solid mass as it now is where the buttresses project. The same economy of material and effort is therefore visible here which appears otherwise in the Gothic. The resistance of the buttress is always exactly opposed to the interior pier. We have seen that the treatment of the ribbed skeleton of the vaulting is such that all the weight converges on the pier. It is exactly at the corresponding exterior point that the buttress is placed. This will be also apparent by comparing the exterior relation of the window spacings between the buttresses, to their interior situation between the piers.

An ornament which is very common in the middle Gothic and later Gothic of the continent, but less common in England, is the gable-shaped skeleton masonry form which appears over portals or window in Figs. 94, 102. This is a reminiscence of the upper construction of a cathedral in cross-section, understanding the gable line as representing the exterior roof and the pointed arch-line as representing the interior vaulting. It must be observed that the solid stone covering leading to the line of the roof, as it appears in Melrose Abbey (Fig. 97), is an unusual exaggeration of the usual construction, which admitted an interior vacant space between the arched vaulting and the beams of the exterior timber roof which was always, of course, tiled or slated over. This point regarding the

distinction between the exterior protecting roof and the interior masonry ceiling is an important one. The former was demanded to prevent the penetration of moisture into the joints of the masonry and its consequent disintegration as the result of frost or otherwise.

The capitals and other ornamental details of the Gothic show at first dependence on the later Romanesque and gradually develop from them, but the naturalism which, in the Romanesque, had advanced

to grotesque forms taken from the animal world, now seized on the forms of vegetable life and applied them in beautiful adaptations to architectural detail. The later Gothic shows a great deal of closely realistic ornament, but with the necessary amount of conventional treatment required by the solid material.

I have so far avoided reference to matters of local interest or to individual buildings, aside from their use to illustrate general



FIG. 104.—TOURS CATHEDRAL. (The Flying Buttress.)

points, and in the choice of the views I have been controlled by the availability of the photograph for a given purpose, rather than by the reputation or other impor-

tance of the building ; but some indications on the head of specially famous buildings will be expected.

According to explanations given, the French Gothic deserves first consideration as a matter of logic, and because the deviations from French standards in other countries are to be explained where they occur, by local causes or national predispositions. The picturesque beauty and the grand effects of the Gothic are found in all European countries, but since they are due to France in the first instance, this country should stand first in mention. Among the earliest fully completed Gothic cathedrals of France may be mentioned those of Noyon, Laon, and Notre Dame at Paris. In



FIG. 105.—CHOIR. Cathedral of Amiens.

order of time the Cathedral of Amiens is the first example of developed Gothic. Rheims, Chartres, Rouen; and St. Denis near Paris, cannot be omitted from any mention. The Church of St. Ouen at Rouen (distinct from the cathedral there) deserves and has an equal reputation. Not to mention many others will seem unjust to those who know them by name or by fame.

In Germany the Cathedral of Cologne stands first.

Strassburg and St. Stephen's at Vienna probably deserve the next mention.

In Italy, Milan—and in Spain, Burgos, claim the first mention.

In England, Westminster Abbey or Canterbury would naturally take first place. After these are named discrimination becomes difficult.

In Belgium the Church of St. Gudule, at Brussels, and the Cathedral of Antwerp are rivals of the first rank.

It is difficult to dwell on the number or the magnificence of hundreds of other churches of this period, without apparent exaggeration of language or descriptions which have not much value apart from illustrations. It is to be remembered, however, that, although



FIG. 106.—CLOISTERS. Winchester.

the Romanesque is somewhat at a disadvantage in the matter of modern survivals and also of popular reputation, it has its own distinct and noble worth. In the matter of picturesque exteriors, at least, it has no cause to shun comparison with the succeeding style.

Both in the Romanesque and Gothic there is a regular transition, depending on sequence of time and regular historic development, from the simple and severe to the elaborate and ornate. The early Gothic is quite simple and relatively massive, the windows are smaller, and tracery less developed, the towers heavier, the

façades plainer, the proportions less exaggerated in elevation, and the piers plainer in treatment than in the developed Gothic. The ornament is restricted, and there is little that is realistic. It was only by degrees that the pure Gothic character was reached and this again at a later date became florid, overladen, pedantic, capricious, and illogical, always also by degrees, but with increasing rapidity as the sixteenth century was neared. The corruption and decadence of the style



FIG. 107.—GOTHIC DETAILS. Southwell Collegiate Church. Chapter House.

were very apparent before the Renaissance style appeared in Northern Europe, and in some senses the Gothic died a natural death.

These distinctions of development within the Gothic have been designated in English terminology for English buildings, as the three periods of the "Early English," the "Decorative," and the "Perpendicular" styles. The word "perpendicular" relates to only one phase of the Gothic decadence, and is illustrated by the cloister of Winchester (Fig. 106), where the upright lines of the window tracery are seen to enter the exterior lines of the arch abruptly. Compare the window tracery of Figs. 94, 101, for other methods of treatment. This was only one trait of the decay of taste out of many which are seen in the decadence, but it is by this trait that the English Gothic decadence has been speci-

fied in general. A very depressed arch was used in England in the late Gothic, which is known as the "Tudor arch." The period in which this use is found is the most inferior of all. The late Gothic is known in France as the "*flamboyant*," *i. e.*, the florid (or flaming) (Fig. 102). Otherwise the designations of "early," "middle," and "late" Gothic are accepted. It must be understood that there are no definite limits between these periods. Speaking generally, the late twelfth century was the time of Gothic beginnings in France, and it is rarely found in other countries before the thirteenth century; the thirteenth and fourteenth centuries are both periods of great perfection, and the fifteenth century is the time of relative decadence. Both in Germany and England the thirteenth century was the time of the introduction of the Gothic. In Italy it was never fully or generally accepted. Within the field of the Gothic proper (*i. e.*, excluding Italy) England is the country where local and national modifications are most obvious, many showing that the style was practiced more or less at second hand. In picturesque beauty and general attractiveness the English cathedrals may be compared with any, but preference must be given to the French in the study of the evolution of the style.

As regards the changes of Gothic style dependent on its general evolution and decline, it must be observed also that these are constantly apparent in the various parts of one given building, which may often also include portions dating from the Romanesque, and occasionally from early Christian time. The consequent varieties of treatment in different parts of one building have much to do with the picturesque qualities

of medieval structures. Canterbury Cathedral is a fine instance. The amount of such variations depends on the length of time during which the given building was undergoing construction. Fifty or one hundred years was no unusual time, and many exhibit the work of four or five different centuries at least.

In the Gothic cathedral we still find the plan and essential arrangements of the basilica. The choir, which frequently occupies more than a third of the church area, is the development of the apse.* The arrangement of the nave and aisles was also derived from the basilica. Although there are local instances in which the aisles rise to the height of the nave, all the great cathedrals inherited the higher nave elevation.



FIG. 108.—LICHFIELD CATHEDRAL.

The effects of the upper light thus obtained have much to do with the mystery and power of these buildings. The upper portion of the nave rising above the aisles is called the clerestory. In some of the Romanesque churches, there are galleries over the aisles opening on the nave, for instance, in the Pisa Cathedral (Fig. 88).

* Compare Figs. 93, 103, 105 with Fig. 69 and p. 118.

This arrangement is found also in many Gothic cathedrals and is known as the "triforium" (Fig. 100). In other cases the wall surface above the arches and below the clerestory is relieved by an imitative gallery of arches and pilasters (Fig. 98). The number of aisles frequently rises to four in the great cathedrals and this number is already found in some basilicas. The transepts are developed very considerably beyond the limits of the Romanesque.

The spires of the Gothic are an evolution from the Romanesque towers (Figs. 83, 84, 85), but are never found in the four-fold flanking fashion which is seen, for instance, in the Rhine cathedrals. The disposition of the spires is generally, in important churches, two flanking the façade and one rising above the junction of the nave and transept. The original of this last arrangement is also seen above the Romanesque transepts. Many cathedrals were unfinished at the opening of the sixteenth century, when the style was generally abandoned, and the completion of the spires was always left to the last. It was not till after 1871 that the completion of the Cologne Cathedral spires was undertaken. The famous spire of Strassburg is only one of an intended pair and there are many similar cases.

A dissimilarity in the two flanking spires is frequently found, resulting from erection at different dates (Fig. 109). Such an explanation at least, is constantly offered, but it is apparent that had the wish for exact symmetry existed, the different dates of erection need not have interfered with it. The fact really is that mathematical symmetry of details in corresponding parts of a building was not only indifferent to the Middle Ages but that it was actually repugnant to its taste. Moreover, it

is in such variations that the picturesque quality of the buildings lies. It is generally admitted that the ancient Gothic buildings are superior to the modern imitations even when the modern dimensions approach the old, but the exact causes and conditions of this superiority which is so easily admitted are by no means clear to the public conscience; and for the improvement of our own architecture it is very desirable that these should be understood. The presumption generally is that the charm of antiquity, the associations of the past, and historic interest are mainly responsible for our superior interest in old Gothic buildings as compared with new. In other words, our own modern Gothic might in the future, to some modest extent, vie with that of the past. This is by no means the case.



FIG. 109.—CATHEDRAL OF POITIERS.

We may begin our explanation by noting the astonishing varieties of appearance presented by the medieval cathedrals (of any epoch) when one is compared with another. Constant surprises in contrast of individual appearance will meet the student at every turn. The individuality in single examples of a given style is

undoubtedly much more marked than is the case in our modern copies. Now the same variety which appears in different buildings, when one is contrasted with another, is apparent in corresponding parts within the limits of a given building. In the complicated window traceries of the developed Gothic it is rarely the case that two adjacent windows or any two windows of the one building are exactly alike. In the sculptured decoration of the capitals of the columns the same variety appears. In the sculptured "gargoyles," or waterspouts for carrying off the rain from the roof, we shall find generally a new design for each separate piece (Fig. 110). The surface traceries and the details of masonry cutting all exhibit this spontaneous vitality in individual execution.

It is in this variety of the details that the charm of the building consists. The eye is mystified, kept busy, and kept interested. Every change of view is a change of effect. The medieval cathedral has the same qualities of perpetual variety which interest us in landscape scenery or in the forest vista. When we ask the cause of this quality, we shall find it to lie in the individual creative talent and artistic genius of the masons, stonecarvers, and artisans. The details of the buildings were executed by their own spontaneous efforts, without set patterns or preconceived formulas. They built, carved, and designed, as they went along. The same genius and inventive talent which is found in the handiwork of antique domestic art (p 65) is equally common to the Middle Ages.

Once more the explanation must be that in modern times division of labor and the use of machinery have destroyed in the working and artisan classes

this inventive and executive capacity. The stonecutter of to-day gets his pattern from a contractor, who gets it from a builder, who gets it from an architect, who gets it from a clerk in his office. The stonecutter of the Middle Ages was given a capital to decorate and was himself the artist who conceived and did the whole thing. This means that the execution was vital and vigorous, that the pattern itself was an inventive and



FIG. 110.—GARGOYLE AND GOTHIC DETAILS. Notre Dame, Paris.

creative effort, not a mechanical copy, and that the details of the buildings had the resulting variety.

Finally, when we come back to the point that the architect of the entire structure was its master-mason, we understand how such an architect could modify and change his plan and in many senses build his design as he went along, and how it is that the point of variety

holds for different buildings as the necessary result of the variety in the parts of one.

We are able to return now to our remarks about the changes of style as found in the construction of one building. What appear to us varieties of style were to the eye of the Middle Ages natural varieties of detail. Some details changed in each new bit of work of a given carver or mason; some changed because they were done by different workmen of one time, and some changed because they were done by different workmen of different times. We cannot too much insist on the fact that the thought of "style" as such, was foreign to the Middle Ages. The history of the cathedral falls into the three grand divisions of the timber-roofed basilica, the round-arch vaulted building, and the pointed-arch vaulted and buttressed building, but these were different modes of practical construction successively called into use by matter-of-fact causes, and susceptible of endless variations of treatment, in which the really interesting thing is the independence of the individual example, not the resemblances of the general type.

In the matter of combined styles we have two especially interesting cases in the Pisa Baptistery (Fig. 87) and the façade of St. Mark's at Venice. Both these buildings date before the Gothic period in construction; both have exterior ornament in the style of the "Italian Gothic," and yet no one would imagine from their appearance that they were not homogeneous, artistic creations. In the matter of medieval repugnance to exact symmetry, we probably have a very remarkable instance in the famous Leaning Tower of Pisa, which appears to have been an intentional construction, in spite of some opinions to the contrary.



GOTHIC PORTAL SCULPTURE AT LONGPONT (SEINE ET OISE),
FRANCE.

CHAPTER XI.

NORTHERN GOTHIC SCULPTURE AND PAINTING.

IT IS from an architectural standpoint or through architectural associations that the northern Gothic sculpture and painting are best approached. The Gothic pictures (mainly known to us through work of the Flemings and Germans) have a crude and awkward appearance when transferred to a modern picture gallery and divorced from the altars and shrines of the cathedrals which they once decorated. It is in the few cases where the old association has been preserved that we can best value their purpose and consequently their art. As for the Gothic sculpture of the north, it was so wholly architectural in association that it is impossible even to mention it apart from the buildings it decorated.

We have seen under what peculiar limitations the early Christian art began its history—limitations of prejudice against that study of the nude form and of anatomy, which is indispensable to the science of the artist; limitations of indifference to physical beauty or appearances of natural illusion; limitations of the antique art decadence; limitations of barbarism; and limitations of Byzantine tradition.* The first dawning efforts of independence are dated from the eleventh and

* Figs. 60, 61, 62, 63, 64.

twelfth centuries* but had not gone far when the Gothic period opened. We have seen that barbarism of sculptured design was still general throughout Italy in the thirteenth century,† the illustration referred to being quite a fair type of the best average work. It should



FIG 111.—SOUTH PORTAL. Chartres.

be added, moreover, that the weakness of the sculptor's art during the Romanesque centuries lay especially in the lack of practice—its surviving monuments (aside from ivory carvings) being confined to a few church bronze doors in Germany and Italy and occasional sculptures of church portals, mainly of the later twelfth century. The phenomenal excellence of those at Frei-

berg (Saxony) and Wechselburg in Germany, must have some local explanation related to the occasional survival of classic influences and style during the Middle Ages.‡ The greatest success of Romanesque

* Figs. 90, 91, 92.

† Fig. 92.

‡ There has become known to specialists, in very recent years, the existence of such a classic revival in the very center of the Byzantine period. See BAYET—*L'Art Byzantin* in the Bibliothèque de l'Enseignement des Beaux Arts.

carving was in its grotesque and scroll ornaments for capitals, etc., in which it was thoroughly successful.

The original deficiencies of Christian plastic art in the Middle Ages were never entirely overcome throughout its whole history, and the comparative inferiority of Gothic sculpture must therefore receive a threefold explanation: first, the lack of a scientific study of design in preceding periods, the influence, that is to say, of historic continuity; second, its purely decorative purpose, in the sense that its works were all connected with architecture; third, the enormous amount of production by stonecutters (as distinct from professional artists) due to the architectural destination.

It was the fate of Gothic sculpture in general to suffer from a difficulty of exactly contrary nature to that which had crippled art in earlier medieval centuries. Want of practice was one earlier cause of medieval deficiencies, over-production was another and later cause. The enormous quantity of statues and relief sculpture lavished on single buildings is apparent from the illustrations.* The case of Milan Cathedral on which



FIG. 112.—WEST DOOR. Lichfield.

* Figs. 95, 101, 102, 111, 112.

there are two thousand statues has been mentioned.

Under these circumstances rapid stone-mason and artisan work is all that could be asked, and we should rather admire the decorative success of the average workman than criticise his art for not doing the impossible. Not even the talent and dexterity of antiquity could have held the average of work up to the level of standard professional sculpture, under similar conditions. In grasping the religious sense and pith of the story to be told by a relief, in simple dignity and pure feeling, in innocence of expression, the Gothic sculpture has no superior. Its subordination and relation to a general architectural effect must be constantly considered in making proper concessions for the character of execution. We see in one of the portals of Chartres, for instance, that the unnatural elongation of the figures is a decorative accommodation to the slenderness of the columns against which they stand (Fig. 111). The spectacle of an entire craft of stonecutters rising to a high degree of artisan excellence in sculpture is the interesting point in Gothic plastic art.

As the small figures of ivory carving admit of larger reproduction, the picture of the English ivory carving (Fig. 113) will give a fair idea of the average Gothic sculpture in larger dimensions. It is a triptych, made for a bishop of Exeter in the fourteenth century.* The ivory carvings of the Gothic in general are also indicated by this view.

The sculptures of Chartres, of Rheims, of Wells, Lincoln, and Strassburg are, taken collectively, among the finest of the whole Gothic time. For the wood carvings

* The triptychs are small shrines for private devotion with a central panel and exterior wings hinged so as to close over it like doors.

of the pulpits, cathedral choir stalls (seats for the clergy) etc., the late Flemish Gothic has many fine examples.

Outside of Flemish and German art, survivals of

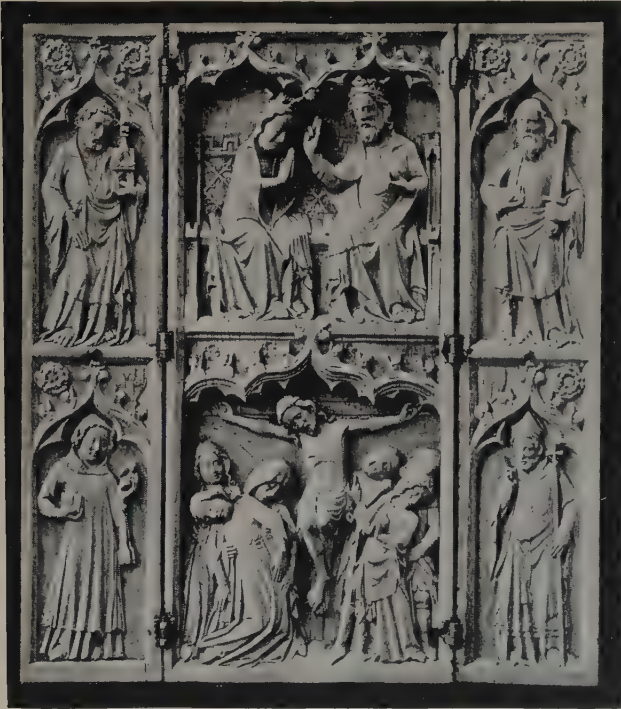


FIG. 113.—ENGLISH IVORY TRIPTYCH. Fourteenth Century.

Gothic painting in the north are almost unknown. The great promise held out by the grand and simple frescoes of the Romanesque cathedrals was not fulfilled, unless the splendid stained glass pictures of the Gothic windows



FIG. 114.—VIRGIN MARY FROM THE VAN
EYCKS' ALTARPIECE IN GHENT.

are included in our view.* In actual fact, and because they took up almost the entire wall surface, these did take the place of the earlier paintings of the north.

The art of stained glass reached a perfection at this time, which has never since been rivaled for brilliancy and harmony of color and for technical merit. The fine revivals which recent nineteenth century art has witnessed in stained glass are distinctly due to the study of the old Gothic windows; for during the Renaissance period the art was mainly abandoned. In spite of the beauty of many recent examples, it cannot be said that we have yet

reached the excellence of the ancient art. Theory and

* It has been mentioned that remains of these Romanesque frescoes are rare (p. 142) but their ancient wide use is to be taken for granted.

archæology combined cannot fill the place of the long practice and inherited technical traditions, which were the stock in trade of the Gothic. The fine color sense of individual experts may go far in individual cases, but it cannot cope as yet in its average results with the art of an entire craft working all over Europe, such as made the ancient Gothic windows.

The survivals of these works are more fragmentary than might be supposed. Few cathedrals of France, Germany, or England escaped the assaults of mobs during the time of the Reformation, when Catholic ecclesiastical art appeared to many to be formal idolatry. The windows were the first objects of attack and were the most easily destroyed of all Catholic monuments. Scattered survivals here and there, are sufficient to attest their universal beauty.

Figure painting did not flourish widely in the Gothic time. The natural style of design of the stained glass window was somewhat like that of the Byzantine mosaics as regards its methods and results for other art. No effort was made to avoid the breaks in the figures made by the leaden framework which held the segments of the glass together. These segments were treated, but in larger dimensions, in the style of mosaic. There is consequently a stiffness and formalism of outlines which tended to react upon and cripple other surface design, in much the same way that the mosaics tended to formalize other Byzantine art (pp. 109, 110).

Of all arts, figure painting is consequently that which made least progress in this time. It was overshadowed by its sister decorative art, that of the stained glass windows. It had to contend with limited patronage and was left in England, France, and Spain, at least, to

inferior artists. The art was confined to altar and panel pictures, in general default of wall surfaces.* Undoubtedly much was done that has perished, but for modern survivals we are almost absolutely confined to Flanders

and to Germany, where the School of Cologne bordering on the Netherlands was the most important.

It was not till the close of the fourteenth century that the art of painting reached even relative success, but in the hands of the Van Eycks of Bruges (two brothers, Hubert and Jan), it blossomed in the late fourteenth and early fifteenth centuries into marvelous perfection. Their most

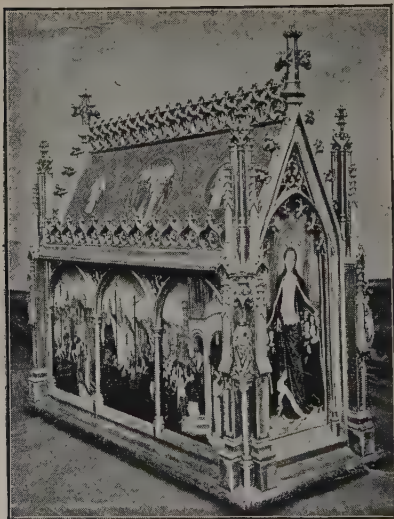


FIG. 115.—RELIQUARY OF ST. URSULA IN
GHENT. HANS MEMLING.

renowned work is the altarpiece of St. Bavo in Ghent (The Adoration of the Lamb), some of whose panels are now in the Berlin Museum (two others in Brussels).

Wherever we find great geniuses in art a substratum and support of coworkers of excellence may always be assumed. This again presupposes a considerable public patronage. Outside of Italy, the most flourishing country of Europe in the fifteenth century was Flanders (modern Belgium), then a part of the great dukedom of

* Remembering that the art of the churches was the controlling one.

Burgundy. It was the wealth of this country under Charles the Bold and his predecessors which explains the perfection of Flemish art at the time of the Van Eycks.

The two countries in which modern painting first developed were Italy and Flanders, because these were the two countries of Europe which first realized the highest commercial and manufacturing prosperity.

Hans Memling and Roger van der Weyden were later successors of the Van Eycks in the same century, of somewhat inferior caliber. The work of Memling rivals in delicacy that of the Van Eycks, but he did not leave works of the large dimensions and powerful execution which distinguished the Adoration of the Lamb. Memling's most famous works are the reliquary chest of St. Ursula in Bruges (Fig. 115), and an altarpiece in Danzig, *The Last Judgment*.



FIG. 116.—DETAIL OF THE RELIQUARY IN GHENT. Hans Memling.

Roger van der Weyden, who is intermediate in time between the Van Eycks and Memling, has much of the power of the former but is inferior to them in finish and in drawing, his work being somewhat hard and angular. He is however an excellent representative of the average

quality of northern Gothic art in painting, before it was overshadowed and displaced in the sixteenth century by the Renaissance design of Italy. His art is well represented in the Berlin Museum. One of his finest pictures is in Madrid.

The School of Cologne, one of the great commercial centers of the later Middle Ages, cannot be compared in average results with the Flemish, but its greatest master, Stephen Lochner, executed the most beautiful picture of the northern Gothic art



FIG. 117.—THE PRESENTATION. Munich.
Roger van der Weyden.

next to the great work of the Van Eycks. This is the Adoration of the Magi, with flanking panels for the stories of St. Ursula and St. Gereon, now in the choir of Cologne Cathedral, the famous *Kölner Dombild*. The

Gothic paintings of South Germany and of Alsace are more interesting for historical associations and for pious purpose than for color or drawing. They are at least an excellent foil to illustrate the high perfection of contemporary Italian painting. The best painters of Gothic South Germany were Martin Schongauer and Michael Wohlgemuth. The best collections of early German art are in Munich, Berlin, and Cologne. The masterpieces of Flanders are especially found in Bruges, Ghent, Antwerp, and Brussels. Many have found their way to foreign museums.



FIG. 118.—GUILD HALL OF THE CLOTH MERCHANTS, YPRES.

CHAPTER XII.

THE SECULAR AND ITALIAN GOTHIC ARCHITECTURE.

THE great comparative perfection of Gothic painting in the southern Netherlands leads naturally to the mention of the magnificent guild halls and town halls of the same country. The finest secular buildings ever erected in Europe, outside of Italy, are the late Gothic public buildings of Belgium, and once more it is to the commerce and manufactures and resulting great wealth and power of the country that we must turn for an explanation. The constant alliance between the English kings and the Burgundian Dukedom during the Franco-English wars was owing to the interests of the wool trade—the raw material being furnished by England and the manufactures by the Netherlands. Among the magnificent examples of this secular Gothic are the great halls of Bruges, Ghent, Brussels, Louvain, and Oudenarde. In France the *Palais de Justice* (town hall) of Rouen is the finest corresponding example. In England there are some of the best survivals of the old feudal castles and of the medieval houses which are occasionally found in all the older towns of Europe. Picturesque qualities, common sense construction, and bold originality of individual arrangement are as apparent in these domestic buildings as in the churches. The system of exhibiting the beam construction in timbered

houses is a common one, showing the constructive sense and frankness of the Gothic.

In secular domestic buildings there is, however, no country which can rival Italy for the fourteenth and



FIG. 119.—PALAIS DE JUSTICE. Rouen.

fifteenth centuries, and it is especially in Venice that the private palaces of the nobles still shadow forth the rôle played in history by the earliest modern country of modern Europe.

The most remarkable examples of the fortifications which were necessary in all the medieval towns of Europe are found at present in Southern France. The fortifications of Carcassonne and of Aigues Mortes are renowned instances.

It is in the so-called Italian Gothic architecture that the medieval independence of formulas and systems,

as well the remarkable independence of the individual examples, are most apparent. The Italian Gothic is



FIG. 120.—LUDLOW CASTLE.

mainly not Gothic at all in any characteristic sense. In fact its main features are quite antagonistic to the Gothic system. The words specify a period rather than a style. This period corresponds to that of the northern Gothic as regards general

time of beginning (1200 A. D.), and ends a little earlier than 1500.

The only first-class truly Gothic cathedral in all Italy is that of Milan (Fig. 101), which was largely built by German architects, and in locality stands nearest of important towns to the influence of the north. Even this cathedral shows important deviations from the style of the northern Gothic. Otherwise the Church of St. Francis at Assisi



FIG. 121.—AIGUES MORTES. *Porte de la Reine* (Queen's Gate).

is one of the rare instances of an approximately northern style and was also built by a northern architect.

The traits of Italian Gothic are best comprehended by reverting to the Italian Romanesque and its likewise exceptional position. We have seen that the basilica pattern and timber ceiling were very generally employed in Italy, and especially in Tuscany, through the Romanesque period (Figs. 87, 88, 89, pp. 154, 155) and that the Romanesque character was mainly appar-



FIG. 122.—GOTHIC DWELLING. Hildesheim.

ent in decorative traits. The reason for this has also been stated as the more abundant supply of ancient columns and the greater strength in Italy of Byzantine and early Christian tradition. It was not till the close of the Romanesque period that vaulted churches became common throughout Italy, and in their proportions they then tended to the character of the Romanesque vaulted

buildings, but with ornamental traits which show some slight northern Gothic influence.

The Cathedrals of Florence, of Siena, of Orvieto (Figs. 124, 125) are prominent instances. In the views of Florence and of Orvieto we notice a system of marble paneling or of horizontal masonry stripings, which is common to very many Italian buildings of

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FIG. 123.—MILAN CATHEDRAL.

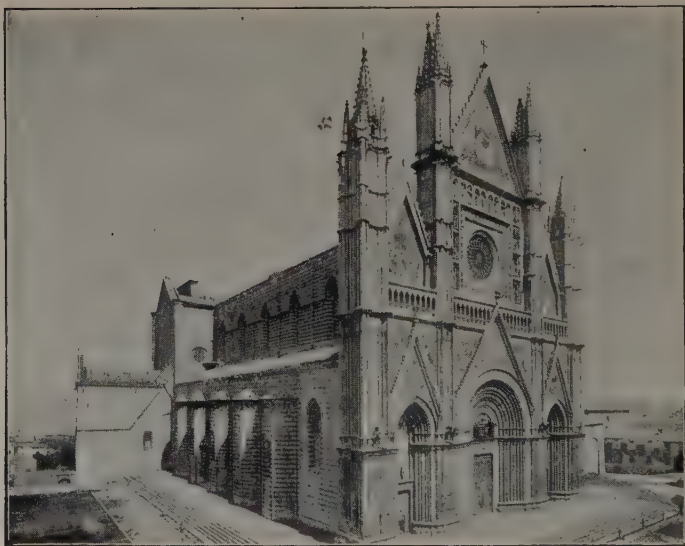


FIG. 124.—CATHEDRAL OF ORVIETO.

the time and which is derived from earlier buildings under Byzantine influence, like the Pisa Cathedral and St. Mark's at Venice. The most superficial comparison with the exteriors of the northern Gothic will show how foreign this use of colored marble must be to the accented rising lines, buttresses, pinnacles, and large windows of the north.

In a corresponding sense it holds that the window openings are relatively small, the window tracery wanting or found in simple elementary forms, while the buttresses are rudimentary and without pinnacles, or else entirely lacking. The great spires of the north are also wanting. The belfries (as found in Italian use they are called "campaniles") are separate from the building (Fig.

125). Gabled ornaments appear as reminiscences of the northern style, but they appear in low relief and are never projected from the building, as appears by comparing St. Maclou at Rouen with the Cathedral of Orvieto (Figs. 102, 124).

The pointed arch is general, and this is the most distinct indication of the Gothic influence, but it is only a question of ornamental details, not of a system of construction. The round arch is found associated with it (Orvieto), which is unknown in the north. Gothic tracery in the round arch, as found in the Campo Santo of Pisa, would be impossible in the northern Gothic.

All these traits of the exteriors relate to a main fact for the interiors, viz., that they lack the lofty



FIG. 125.—CATHEDRAL OF FLORENCE.

proportions and all the peculiar dispositions of the northern Gothic buildings.

These various distinctions do not convey in any sense a criticism against, or depreciation of, the Italian Gothic, which is full of peculiar beauties and originality. They



FIG. 126.—PULPIT OF THE PISA BAPTISTERY. By Nicolo Pisano.

are simply statements of fact showing the versatility of medieval architecture, but above all conveying an underlying phase of general history. The Italians were the earliest moderns, the first to consciously set up the ideal of modern civilization and to consciously antagonize the culture and feudal institutions of the Middle Ages. Their prejudice against Gothic culture and Gothic art, which gave us the

word "Gothic" (p. 159), and which ultimately shaped itself in the Renaissance, shows its forecast and prophecy in the so-called Italian Gothic, by its antagonism or indifference to northern medieval forms.

CHAPTER XIII.

ITALIAN GOTHIC PAINTING.*

IT IS in the distinction between the wall surfaces which were preserved by Italian buildings and those of the north, which were distributed into window openings and buttresses, that we find a connection with the topic of Italian painting and the elementary conditions of its development.

The Byzantine and early Christian system of church building was one of small window openings, placed as far as possible in the upper portions of the building, and of large interior surfaces devoted to the gorgeous color effects of the mosaics. The Italians of the fourteenth century abandoned the mosaics, but they replaced them by wall frescoes (paintings on plaster), and their system of wall surfaces required for the frescoes was the same as that required for mosaics. It is here that the real break with the style of the north is apparent. The northern buttress was essentially necessary as the support of a vaulted ceiling which otherwise lacked the necessary supporting walls; for the development of the window openings amounted to the absence of the wall. In other words, the demand for frescoes explains the Italian Gothic.

* It must be noticed that the photographs used to illustrate this topic have the merit of being taken directly from the originals, but all reproductions lacking the original colors are necessarily inadequate.

The system of stained glass decoration shows the romantic and poetical exaltation of the northern artistic spirit. The effects of the northern Gothic are mysterious and, so to speak, transcendental. The spirit of the Italian was cooler and clearer, less addicted to mystery and romantic effect—more disposed to explicit story telling by pictorial art than to mysterious contrasts of light and shade in nave and aisles. The interiors of the Italian churches are sufficiently lighted by normal window openings of small dimensions. Otherwise the church walls, and generally also the walls of the pub-



FIG. 127.—DETAIL OF THE PISA PULPIT. THE CRUCIFIXION.

lic buildings, were decorated with pictures on the plaster surfaces.

The history of Italian painting, which between the fourteenth and seventeenth centuries produced all the

greatest works of modern art in this department, is essentially a history of wall painting, and the conditions of its perfection and greatness are all to be sought and found in this point of departure.



FIG. 128.—SCULPTURE OF ORVIETO CATHEDRAL. STORY OF THE CREATION. Giovanni Pisano, and Scholars.

As late as the sixteenth century all the most important pictures were wall pictures. Even when canvas and oils were used, as in Venice, in preference to painting on a plaster surface it was still wall decoration which was the main purpose of the art. The canvases were directly attached to the walls and made a part of their architectural existence. Panel pictures, that is to say, detached framed pictures, were a subordinate matter and even these were designed, in a great majority of cases, for definite places—for chapels, churches, shrines, altar

pictures, and the like. Above all, the dexterity and the talent of the artist were first developed by his practice as a wall painter. The composition of Raphael's Madonnas is determined, for instance, by the methods which he practiced as a fresco artist.

It must be considered, then, what was involved for Italian art in this one grand fact of its original use and main purpose. First, it follows that the pictures were made for public uses and for public inspection, and it consequently follows that they were made to meet a public demand. It consequently follows also that the

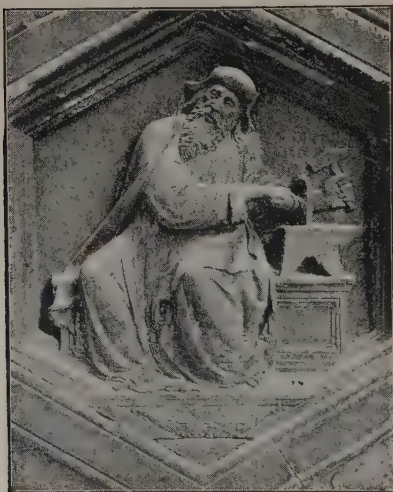


FIG. 129.—GIOTTO. TUBAL CAIN.
Florence Campanile.

commissions were large in scale and in the amount of work to be done by a given artist, and it follows that there was a great deal of work to do for a number of artists. It follows also that the artist had to meet public criticism when he failed and that he received public approbation when he succeeded. It also follows that his subjects were substantially dictated by public choice as re-

gards their general matter and character and that these subjects were in advance grateful to the public.

This last point is the elementary one above all others.

Every artist who is in advance doubtful as to whether his subject matter will attract an audience or a buyer works under a disadvantage. This is, in general, the weakness of the modern artist, who mainly works for private buyers. His pictures are painted on speculation as regards the choice of a subject. In Italy the artist was told in advance what was wanted, as an artist always naturally will be told when he receives a public commission. More than that, the choice of subjects was limited by tradition and by the purposes of the art, and the artist was familiar in advance with most that were likely to be suggested. These were the stories of Genesis, the lives of the Saints and Apostles, the great historical turning points in the history of the Church, the life of the Savior, the events of His Passion, the later history of the Acts of the Apostles.

Let it not be considered that this was a narrow or limited range of choice. For the conceptions of the Middle Ages the Bible was an epitome of the life of individual man from the cradle to the grave and an epitome of the history of the human race. It was the



FIG. 130.—GIOTTO. PYTHAGORAS [ARITHMETIC], Florence Campanile.

business of the artist to illustrate this point of view to make it clear to the people. They themselves, however, were the motive power; the choice of subjects was made



FIG. 131.—THE MADONNA. Prato.
Giovanni Pisano.

because they expected and demanded it. To aid and suggest to the artist was the business of every man of learning and every man of thought—monks, clergy, and public officers of the state being his direct employers. Finally all the genius, talent, invention, and originality which the artist possessed himself were in his favor and contributed to the success of the general result.

He had, moreover, the advantage of working for a definite place. His picture was not transported from a studio of one light to be hung in a gallery with another light. It was not exposed to the vicissitudes of chance sales or the gazers of shop windows and tossed about among the hanging committees of picture exhibitions. The modern painter as such is an itinerant, a Bohemian. In America, at least, he lives on sufferance, contending with a mistaken preference for foreign pictures, with the whims of the rich, the fashions of the hour, and the great difficulty of earning his bread. The

Italian painter was a respected man of business, a well-to-do tradesman, a successful artisan, in a word, a recognized and respected member of society, the school-master of his age, the Sunday school superintendent, the historian, the man of letters, and the poet. All this was involved in the topics of Italian art in an age when printing was unknown, when manuscript books were dear, when teaching through the eye and by object lessons was more than a theory of kindergartens.

Add to these conditions the material considerations connected with the scale of the designs and the method of their execution. The paintings were rapidly executed in light but warm colors, with distinct outlines and summary indication of details, on damp plaster.* When the plaster was dry, work was impossible. A given surface was plastered each day and so the work went on. An ultimate dexterous rapidity in outline drawing was one result of this fresco art. The large scale of the pictures with life-size figures also demanded bold and simple compositions.



FIG. 132.—THE UPPER CHURCH OF ST. FRANCIS. ASSISI.

* Hence the word "fresco," or painting on fresh plaster.

Finally, we have to consider the natural development of technical improvements and devices in any art which is much practiced because much in demand. The amount of commissions and the number of artists engaged on them are grand points in estimating the difference between Italian painting and our own. Some of the simplest technical methods of mixing paints and colors have been lost since the sixteenth century. No modern painter can tell how Titian mixed his

colors or what chemical composition of pigments he employed. Wherever there is large demand for any art, it naturally rises to the level of the demand. In so far as the public at large is more important than a private individual, in so far as the Italian painting ultimately superior to our own.

The favorable conditions under which the modern art of music is practiced offer the easiest means of understanding the perfection of Italian paint-



FIG. 133.—CIMABUE. THE MADONNA.
Academy, Florence.

ing. Given a superior voice and the modern singer is certain of a well-paid career. Given a distinct musical talent and at least a well-paid daily occupation is secure. The demand creates the supply and the supply makes practice, practice makes perfection.

Doubtless the Italian had a native genius and talent for art, but there were centuries when it lay dormant for want of patronage. Once more, then, we must come back to the history of the times and the questions of politics, of civilization, and of commerce.

In the earlier Middle Ages, Italy had been crushed by foreign barbarism. The nearer the German was to his original home and original surroundings, the better use he ultimately made of Roman civilization. It was in Germany itself and in the Romanesque art of the eleventh and twelfth centuries that we have found the finest works of early mediæval art. In Italy the Lombards and Ostrogoths were corrupted by luxury without being refined by civilization. In the ninth and tenth centuries Italy at large was the most barbarous country in Europe.* Saracenic incursions from Sicily, constant German invasions from the north,† and the violence of the Northmen in Naples (eleventh century) all depressed her condition.

From this depressed condition she was first distinctly raised by the popes of the twelfth and thirteenth centuries, who carried their contest with the emperors (p. 157) to a successful issue and in securing the in-

* With important exceptions for Ravenna, Venice, and some cities of the South, like Amalfi and Salerno.

† The emperors were always crowned at Rome till the thirteenth century. The coronation was always attended by the march of a German army, which unsettled and disturbed the country at large, and which very much partook of the character of an invasion.

dependence of the Lombard towns of North Italy* from the emperor, naturally secured the liberties of the more southern states.

From this time date the independence and prosperity of Italy at large, a prosperity which had previously reached astounding proportions in Pisa and Genoa (eleventh century) and at still earlier times in Ravenna and in Venice.

The political constitution of Italy was that of a series



FIG. 134.—DUCCIO. THE MADONNA.
PERUGIA.

of independent civic states. The feudal system had never taken deep root in Italy, and when civilization revived the commerce and manufactures of the towns did not have to struggle with the exactions and oppressions of the feudal barons, which in Northern Europe obliged the cities to ally themselves with the monarchy.

The civilization of Italy reached in the fourteenth and fifteenth centuries a phenomenal perfection, rivaling in all essential points that

of the later moderns, which has been almost entirely

* Battles of Alessandria and Legnano. Submission of Henry IV. at Canossa and of Barbarossa at Venice. Leading Popes, Gregory VII. and Alexander VI.

derived from it. The inventions of the nineteenth century relate generally to enlargements in the area of civilization or increase in its population. The various applications of machinery relate to the amount of production, not to the quality. The silks, laces, and velvets of Italy made in the fourteenth century were fully equal to ours. The same point would apply to all textile fabrics, implements, and utensils, furniture, pottery, glass, and the ordinary luxuries of modern life. The various applications of steam and electricity relate to increased speed of communication or intercourse required by larger areas, but they do not affect the quality of individual culture. Italy mainly possessed, on a small scale, in the fourteenth and fifteenth centuries, the essential features of modern civilization as regards luxuries and comforts.



FIG. 135.—GIOTTO. ST. JOACHIM DRIVEN FROM THE TEMPLE.—Arena Chapel, Padua.

Although scientific information was far inferior to our own, this was perhaps fully compensated by a versatility of talents and capacities in the individual man, made possible by the small area of his surroundings, to which we can offer no parallel. There are, for instance, no modern artists who unite in one person the capacities of an engineer, poet, highly educated man of letters,

architect, painter, and sculptor, and who have made actual test of capacity in all these directions. Leonardo da Vinci and Michael Angelo did all these things and did them all equally well. Da Vinci was also an accomplished musician who knew how to make his own instruments and was one of the greatest men of science of his day.



FIG. 136.—GIOTTO. ST. JOACHIM ACCOMPLISHES THE SACRIFICE. Arena Chapel, Padua.

These cases of versatility are paralleled by other notorious cases which illustrate a general versatility in the nation at large. Our own scientific advances have obliged men to specialize their talents and to narrow their field. Without wishing to depreciate the importance of our own advance, we must be willing to concede the advantages enjoyed by earlier periods in contrast with our own.

As a result of the unconscious education of the faculties which is reached by a variety of occu-

These cases of versatility are paralleled by other notorious cases which illustrate a general



FIG. 137.—GIOTTO. BIRTH OF THE VIRGIN. Arena Chapel, Padua.

pations, there is no doubt that the average Italian of the fifteenth century was, at least, fully the mental and physical equal of the modern in any department of daily life. His *possible* scientific knowledge was less, but his actual education was more symmetrical and more

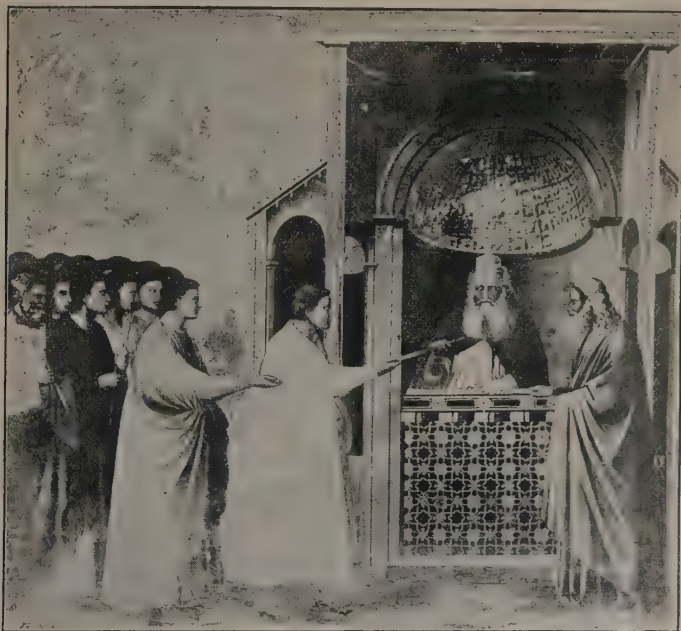


FIG. 138.—GIOTTO. MARY'S SUITORS RECEIVING THE RODS FROM THE HIGH PRIEST. Arena Chapel, Padua.

comprehensive, because it was less specialized and more versatile, whereas versatility in our day is generally supposed to indicate superficiality and to be inconsistent with thoroughness.

The perfection of Italian art is also involved in this

summary of the conditions of daily life. The Italian artist was sometimes a recognized statesman, politician, and general. Michael Angelo was the captain general of his state during the siege of Florence in 1529, and is the inventor of the system of fortifications usually attributed to Vauban in the time of Louis XIV. of France. Leonardoda Vinci was the military engineer of Cæsar Borgia and wrote the first treatise on the use of artillery. Raphael was offered the rank of a cardinal and was sculptor and architect as well as painter; Benvenuto Cellini was musician, goldsmith, sculptor, and cannoneer. Giotto the painter was an equally great architect and sculptor and a personal friend of the poet Dante. In all these cases the varied activity and experience of the artist reacted on his art and the man *did* what he *was*.

As regards the peculiar distinctions of various Italian states, something has also to be said. Milan was the capital of the fertile agricultural districts of the north. Genoa, Venice, and Pisa were great in commerce. The Universities of Bologna and Padua were famous centers of learning. Florence was the home of bankers and manufacturers. Ferrara was a model of administrative politics. Siena, Perugia, and Urbino were all important commercial and manufacturing republics. These were the various great centers of Italian art. Rome and Naples were less active. Rome was a center to which finished talent was naturally drawn and the native artists could not vie with the genius of the whole of Italy which was always at the call of the popes. Naples did not escape from foreign rule through the entire Middle Ages.

From all these various ways of conceiving the culture

of Italy in the fourteenth and fifteenth centuries, we move to the actual monuments of the art of painting in the fourteenth century, which was the first in which Italy achieved even relative perfection in this art. The fifteenth century, as belonging to the Italian Renaissance, is excluded from the topic of this book as far as Italy is concerned.

The greatest early painters of Italy were Duccio of Siena, and Cimabue and Giotto of Florence, but these men of genius, it must be remembered, were not isolated in their greatness.

Successful genius means helpers, assistants, supporters, rivals, followers, and predecessors. Among these men Cimabue is distinguished as the first great innovator on Byzantine methods. Duccio's genius may be fairly compared with Giotto's as an expert in design, but the latter is better known for his wider influence and wider personal activity and not less remarkable for his original and thoughtful genius of conception.

Photographs and engravings are a poor substitute for Italian frescoes, but even in face of the originals we have still to make many concessions to the shortcomings of the first efforts of modern painting, and for the deficiencies involved in the break with the traditions.



FIG. 139.—GIOTTO. THE NATIVITY OF CHRIST. Arena Chapel, Padua.

of Byzantine mosaic which had been the traditional authority of Italian art for nine entire centuries. Cimabue himself designed one of these mosaics in Pisa.

The fourteenth century frescoes must be judged first



FIG. 140.—GIOTTO. THE FLIGHT INTO EGYPT. Arena Chapel, Padua.

as compositions in color and as wall decorations in color. From this point of view they are thoroughly successful. They must be judged next as serious and faithful efforts to realize the inner meaning and significance of the Bible stories. From this point of view they are thoroughly successful. As architectural compositions in

outline they are also fine efforts. That they are often quaint in details and inadequate in execution of realistic accessories must be readily admitted.

They cannot, however, be justly judged in this particular from the standpoint of a realistic nineteenth century painting. Many decorative considerations assert themselves when pictures are painted on plaster walls, which do not hold for smaller canvas pictures executed in oil color. Details cannot be elaborated on such a surface and with the mediums used for mixing the colors, nor is it desirable that they should be. Suggestion and slight indication of accessories were sufficient for an art where the point and moral, or fact, of the story

were the main thing and nature was only the means to an end. Due concessions must be also made to the general attitude of medieval Christian art as determined by tradition and historic conditions.

The fourteenth century Italian painting at large may be fairly illustrated from the work of Giotto. No artist surpassed him in technical proficiency during the entire century. He was never surpassed in solemnity, in seriousness, in religious feeling, and in original power. The artists of his time were frequently his equals and worthy rivals in individual works. The fourteenth century painting has then these following general qualities. It did not attempt facial portraiture, it did not elaborate backgrounds or landscape details, it did not attempt perspective. The action and gesture are treated with more or less success, according to the individual genius and talent. The idea was the main thing. The artist was satisfied when he had conveyed it, and the public was satisfied when it grasped it.

The universally quoted monument of Giotto's greatness is the fresco decoration of a chapel in Padua, which was begun in 1303—the Chapel of Santa Maria dell' Arena. There are also important works by this artist in Florence (Church of Santa Croce), in Assisi (Church



FIG. 141.—GIOTTO. CHRIST CROWNED WITH THORNS. Arena Chapel, Padua.



FIG. 142.—GIOTTO. THE DEPOSITION. Arena Chapel, Padua.

of St. Francis), and elsewhere. The School of Giotto and of the fourteenth century at large is otherwise best known through the frescoes of the Chapel of the Spaniards in Florence (Church of Maria Novella), and of the Campo Santo of Pisa. This last spot is the burial ground of the city reserved for distinguished citizens



FIG. 143.—THE CAMPO SANTO. Pisa.

and surrounded by cloisters on whose inner walls is a long series of famous paintings, among which the most noted are the Triumph of Death and the Last Judgment. It was also in Pisa that the Italian sculptor's art began its history and that its earliest, and therefore in many senses most famous, monument is found.

CHAPTER XIV.

ITALIAN GOTHIC SCULPTURE.

THE contrast with the Gothic art of the north which has been drawn so far continues in the history of its sculpture. The Milan Cathedral is the only one in Italy which rivals the profusion of northern Gothic sculpture as used for architectural decoration and its statues, themselves individually of minor merit, are in no sense connected with the history of Italian art. In amount of production the Italian Gothic sculpture cannot for a moment be compared with that of Northern Europe. It was also distinctly later in its earliest development, but in the artistic and, so to speak, professional quality of its more limited number of productions, it stands in reputation, and in fact, far higher. There is no Gothic sculpture outside of Italy which can be considered aside from its architectural connection. Sculpture, for its own sake, for the sake of form and science, is distinctly Italian in its origin as far as modern times are concerned. The northern Gothic sculpture had no sequence of perfected development. It rather retrograded in its later phases and was finally supplanted in the time of the Renaissance by the influences of its Italian rival.

The first development of Italian sculpture preceded by nearly fifty years the art of Giotto, and undoubtedly

made the first break with the formalism of the Byzantine style or the crude barbarism of the more native art of Italy (Fig. 92). It was distinctly a great and phenomenal genius, Nicolo of Pisa, who resurrected the arts of form in Italy. His epoch-making work is the pulpit of the Pisa Baptistery (1261).* A somewhat later work of the same class by Nicolo is in the Cathedral of Siena.



FIG. 144.—THE CAMPO SANTO. Pisa.

As illustrated by the views (Figs. 126, 127), the style of Nicolo was founded on the antique. Some of the Greco-Roman sarcophagi, from which he made his studies, are still preserved in Pisa. His work, however, is simple and naïve, original and profoundly thoughtful—as distinct from a mechanical and servile depend-

* The Baptistery itself is seen in Fig. 87.



FIG. 145.—THE MUNICIPAL PALACE. Prato.

ence on antique art. His son Giovanni followed in his footsteps with somewhat more distinct relations to the northern sculpture of his time. Among his many beautiful works, we may mention the reliefs of the Orvieto Cathedral executed with assistance of his scholars. There was an entire school of Pisan artists largely employed throughout Italy in the fourteenth century. The bronze doors by Andrea of Pisa, made for the Florence Baptistery, are among the important productions of this school. The reliefs from the designs by Giotto, on the bell tower (campanile) of the Florence Cathedral, are beautiful examples of Italian Gothic thought and science. The Italian fourteenth century was not, however, prolific in works of sculpture. The art of fresco was more



FIG. 146.—THE MUNICIPAL PALACE.
Volterra.

popular and more affected, but all that was done was profoundly significant for the development of the Renaissance which followed in the fifteenth century. Before closing our account of the medieval art on the threshold of this "rebirth," * we may turn a moment's attention to the secular buildings of the Italian Gothic.

* The English translation of the word *Renaissance*.

Among the most interesting Italian buildings are its secular monuments, the great town halls and civic palaces, especially interesting as reminders of the active municipal life to which the Italian art owed so much of its greatness. This was especially fostered by the public

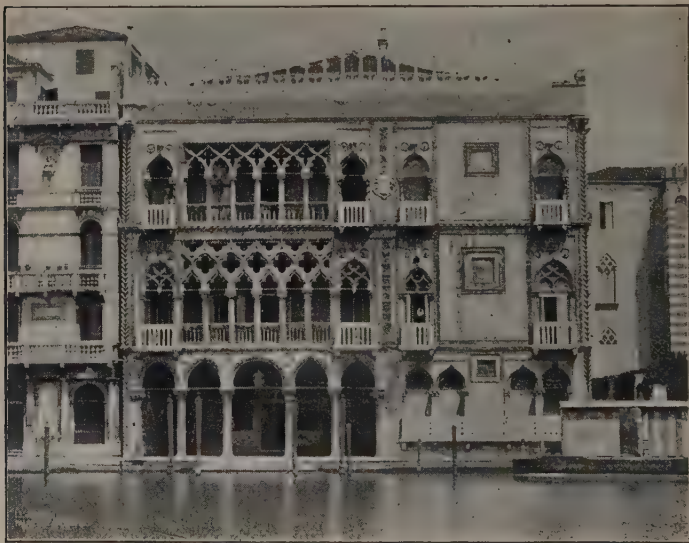


FIG. 147.—PALAZZO CA D'ORO. Venice.

spirit of the citizens and by the rivalries of the various republics, each vying with the other to produce some unique work of art.

The Palazzo Vecchio (old palace) of Florence is the most famous of these buildings. Beside it stands the grand Loggia Dei Lanzi (the portico of the lancemen, *i. e.*, of the town guard). The town halls of Volterra and Prato are characteristic examples of these massive

and fortress-like structures, which literally were town fortresses built to withstand the stormy outbreaks and civic convulsions in which the overflowing vigor of these municipalities found vent. The massive simplicity of these buildings is worthy of all praise. They are direct continuations of similar structures of older time and only in the arch of doors or windows do we find the means of dating them in point of style.

In marked contrast to these buildings are the private palaces of the Venetian Gothic. Here a pleasure-loving and opulent life flourished at an early day. The strong constitution of Venice saved her from the anarchy which so often befell the republics and petty despotisms of Tuscany and her buildings have none of the ominous impressiveness of those just described. The palaces of her nobles are, taken in mass, the



FIG. 148.—PALAZZO FRANCETTI. Venice.

earliest decorative private buildings of Europe. The same purely decorative use of Gothic forms, otherwise noted in the Italian Gothic, is also apparent here. The Palace of the Doge at Venice is the most splendid example of the style.

Various references in foregoing pages (187, 214, 229,

234) have indicated that medieval thought and culture, and consequently medieval art, were displaced in the sixteenth century by a movement of Italian origin known as the Renaissance. The beginnings of modern history, which for Northern Europe are first distinctly visible in the sixteenth century, must all be sought in



FIG. 149.—DETAIL FROM THE DOGE'S PALACE. Venice.

Italy by any correct philosophy of history. Hence it will be observed that the history of medieval art, as sketched in this book, closes a century earlier for Italy than for Northern Europe. We have carried the history of the northern Gothic architecture, sculpture, and painting as far as the sixteenth century, but for Italy we have drawn the line at the close of the fourteenth cen-

ture. Strictly speaking we cannot, however, specify a distinctly Renaissance art in sculpture and painting before 1425, or a distinctly Renaissance architecture before 1450. On the other hand the Italian Gothic period is full of anticipations and forecasts of the approaching revolution. In Italian architecture the repugnance to the northern Gothic has this significance. In sculpture the Italian Gothic already exhibits, with Nicolo of Pisa, the antique influence which is characteristic of Renaissance art. The awakening interest in visible nature, as distinct from the traditional repetition of religious formulas in art, which is an equally characteristic phase of the Renaissance, is already distinctly visible in the painting of Giotto and his period.

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